# Conservation Practice Physical Effects - Sediment Basin (350)

Soil Resource Problem / Consideration	Effect
. Erosion	
(a) Sheet and Rill	Negligible
(b) Wind	Negligible
(c) Concentrated Flow: Ephemeral Gully	Slight + to Significant +
(d) Concentrated Flow: Classic Gully	Slight + to Significant +
(e) Streambank	Slight + to Significant +
(f) Irrigation Induced	Negligible
(g) Soil Mass Movement	Slight -
(h) Roadbanks and Construction Sites	Slight + to Significant +
(i) Safety	Negligible
Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Moderate + to Moderate -
(b) Soil Compaction	Negligible
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	Negligible
Deposition	
(a) Damage: Onsite	Moderate + to Significant +
(b) Damage: Offsite	Moderate + to Significant +
(c) Safety: Onsite	Moderate + to Significant +
(d) Safety: Offsite	Moderate + to Significant +
(a) Excess Amounts: Seeps	Slight - Slight + to Moderate +
(b) Excess Amounts: Runoff / Flooding	•
(c) Excess Amounts: Subsurface Water	Slight -
(d) Inadequate Outlets	Slight + to Significant +
(e) Water Management for Irrigated Land	Negligible
(f) Water Management for Non- Irrigated Land	Negligible
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Moderate + to Significant +
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Moderate + to Significant +
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Moderate + to Significant +
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Negligible to Slight -
(b) Nutrients and Organics	Negligible to Slight -
(c) Salinity	Negligible to Slight -
(d) Heavy Metals	Negligible to Slight -
(e) Pathogens	Negligible to Slight -
Surface Water Contaminants (Streams and Lakes)	
(g) Pesticides	Slight +
(h) Nutrients and Organics	Slight + to Significant +
(i) Suspended Sediment and Turbidity	Moderate + to Significant +
(j) Low Dissolved Oxygen	Negligible to Moderate +
(k) Salinity	Slight +
(I) Heavy Metals	Moderate + to Significant +
(m) Temperature	Negligible
(n) Pathogens	Negligible to Slight +

### Conservation Practice Physical Effects - Sediment Basin (350), page 2

Air Resource Problem / Consideration	Effect
Quality	No V - Vol.
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite (d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite (e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite (f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible
	Negligible
	Negligible Negligible Not Applicable Not Applicable
(h) Airborne Chemical Drift: Onsite	
(i) Airborne Chemical Drift: Offsite	
(j) Airborne Odors	Negligible to Slight -
2. Condition	
(a) Air Temperature	Not Applicable
(b) Air Movement	Not Applicable
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	No. Analisable
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	A
(a) Cropland	Negligible to Slight +
(b) Hayland and Pastureland	Negligible to Slight +
(c) Rangeland	Negligible to Slight +
(d) Seeded Rangeland	Negligible to Slight +
(e) Annual Rangeland	Not Applicable
(f) Forestland	Negligible to Slight +
(g) Other Land (Wildlife, Recreation, etc.)	Negligible to Slight +
(h) Health and Vigor	Negligible to Slight +
(i) Plant Damage by Wind Erosion	Negligible
3. Management	
(a) Establishment, Growth, and Harvest	Negligible to Slight +
(b) Nutrient Management	Negligible
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight + to Slight -
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	Clicht I to Moderate t
(a) Food	Slight + to Moderate +
(b) Cover or Shelter	Slight + to Moderate +
(c) Quantity and Quality of Drinking Water	Slight +
Wildlife	Olimba , an Mandarata :
(d) Food	Slight + to Moderate +
(e) Cover or Shelter	Slight + to Moderate +
(f) Quantity and Quality of Drinking Water	Slight +
2. Management	At A A - Parkle
(a) Population / Resource Balance	Not Applicable
(b) Animal Health	Negligible to Moderate -

### Conservation Practice Physical Effects - Spring Development (574)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible
(b) Wind	Negligible
(c) Concentrated Flow: Ephemeral Gully	Negligible
(d) Concentrated Flow: Classic Gully	Slight - to Negligible
(e) Streambank	Negligible
(f) Irrigation Induced	Negligible
(g) Soil Mass Movement	Slight - to Negligible
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Slight - to Negligible
2. Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Negligible
(b) Soil Compaction	Negligible
	, tog.igibio
Soil Contaminants  (a) Fuscos Chamical Contact Solicity Solocium Boron Hagay Matala	Negligible
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	Međuđinie
3. Deposition	Clight to Magligible
(a) Damage: Onsite	Slight - to Negligible
(b) Damage: Offsite	Negligible
(c) Safety: Onsite	Slight - to Negligible
(d) Safety: Offsite	Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding	Slight + to Significant + Slight - to Slight +
(c) Excess Amounts: Subsurface Water	Slight + to Moderate +
(d) inadequate Outlets	Negligible
(e) Water Management for Irrigated Land	Negligible
(f) Water Management for Non- irrigated Land	Slight +
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Slight +
(b) Nutrients and Organics	Slight +
(c) Salinity	Slight +
(d) Heavy Metals	Slight +
(e) Pathogens	Slight +
Surface Water Contaminants (Streams and Lakes)	
(g) Pesticides	Slight +
	Slight +
(h) Nutrients and Organics	Slight +
(i) Suspended Sediment and Turbidity	Slight +
(j) Low Dissolved Oxygen	•
(k) Salinity	Slight +
(I) Heavy Metals	Slight + Slight +
(m) Temperature	Slight +
(n) Pathogens (o) Aquatic Habitat Suitability	Negligible

## Conservation Practice Physical Effects - Spring Development (574), page 2

Air Resource Problem / Consideration	
. Quality	Negligible
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	<del>-</del> -
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible Negligible
(h) Airborne Chemical Drift: Onsite	Negligible
(i) Airborne Chemical Drift: Offsite	Negligible
(j) Airborne Odors	Negligible
2. Condition	A1 - 12 - 13 - 1 -
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Slight + to Moderate +
(b) Plants are unsuitable for intended use	Negligible
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Negligible to Slight +
(b) Hayland and Pastureland	Negligible to Moderate +
(c) Rangeland	Slight + to Moderate +
(d) Seeded Rangeland	Slight + to Moderate +
(e) Annual Rangeland	Not Applicable
(f) Forestland	Negligible to Slight +
(g) Other Land (Wildlife, Recreation, etc.)	Negligible to Slight +
(h) Health and Vigor	Slight + to Moderate +
(i) Plant Damage by Wind Erosion	Negligible
3. Management	
(a) Establishment, Growth, and Harvest	Negligible to Slight +
(b) Nutrient Management	Negligible
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Negligible
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Negligible to Slight +
(b) Cover or Shelter	Negligible
(c) Quantity and Quality of Drinking Water	Slight + to Significant +
Wildlife	
(d) Food	Negligible to Slight +
(e) Cover or Shelter	Negligible
(f) Quantity and Quality of Drinking Water	Slight + to Significant +
2. Management	
(a) Population / Resource Balance	Slight - to Slight +
(b) Animal Health	Negligible

# Conservation Practice Physical Effects - Stripcropping (Contour) (585)

SOII Resource Problem / Consideration	Effect
. Erosion	
(a) Sheet and Rill	Moderate + to Significant +
(b) Wind	Moderate + to Significant +
(c) Concentrated Flow: Ephemeral Gully	Slight + to Significant +
(d) Concentrated Flow: Classic Gully	Slight + to Moderate +
(e) Streambank	Negligible
(f) Irrigation Induced	Moderate + to Significant +
(g) Soil Mass Movement	Slight -
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Not Applicable
Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight + to Moderate +
(b) Soil Compaction	Moderate + to Significant +
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible to Slight +
(d) Excess Animal Wastes & Other Organics	Negligible to Slight +
(e) Excess Fertilizer	Negligible to Slight +
(f) Excess Pesticides	Negligible to Slight +
Deposition	
(a) Damage: Onsite	Moderate +
(b) Damage: Offsite	Slight + to Moderate +
(c) Safety: Onsite	Slight +
(d) Safety: Offsite	Slight +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding	Slight +
(a) Excess Amounts: Seeps	Moderate + to Moderate -
	Moderate -
(c) Excess Amounts: Subsurface Water	Slight -
(d) Inadequate Outlets	
	•
(e) Water Management for Irrigated Land	Negligible
(f) Water Management for Non- Irrigated Land	Negligible Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (a) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible Slight + to Moderate + Moderate + to Significant +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible Slight + to Moderate + Moderate + to Significant +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate + Slight + to Significant +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate + Slight + to Significant + Slight + Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes (c) Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate + Slight + to Significant + Slight + Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Couality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + Negligible Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + Negligible Negligible Negligible Slight + to Significant +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + Negligible Negligible Negligible Slight + to Significant + Slight + to Significant + Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Posticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + Negligible Negligible Negligible Slight + to Significant + Slight + to Moderate + Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes (a) Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + Negligible Negligible Negligible Slight + to Significant + Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + Negligible Negligible Negligible Slight + to Significant + Slight + to Moderate + Slight + to Slight -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Couality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + to Significant + Slight + Negligible Negligible Negligible Slight + to Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Slight + to Slight - Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + to Significant + Slight + Negligible Negligible Negligible Slight + to Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Slight + to Slight - Negligible Negligible Negligible to Slight +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals	Negligible Slight + to Moderate + Moderate + to Significant + Slight + to Significant + Slight + to Moderate +  Slight + to Significant + Slight + to Significant + Slight + Negligible Negligible Negligible Slight + to Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Slight + to Slight - Negligible

I. Quality	Al-Haible to Climbs (
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible to Slight +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible to Moderate +
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Slight + to Significant +
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Slight + Slight + to Moderate + Slight + Slight + Slight + Slight +
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	
(h) Airborne Chemical Drift: Onsite	
(i) Airborne Chemical Drift: Offsite	Slight +
(i) Airborne Odors	Negligible
2. Condition	
(a) Air Temperature	Slight + to Moderate +
(b) Air Movement	Slight + to Moderate +
(c) Humidity	Slight + to Moderate +
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Moderate +
(b) Hayland and Pastureland	Not Applicable
	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Slight + to Significant +
(h) Health and Vigor	Slight +
(i) Plant Damage by Wind Erosion	Signt +
3. Management	Clicht to Clicht +
(a) Establishment, Growth, and Harvest	Slight - to Slight +
(b) Nutrient Management	Moderate -
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Significant + to Moderate -
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	Negligible to Moderate +
(a) Food	Slight + to Significant +
(b) Cover or Shelter	Slight + to Significant +
(c) Quantity and Quality of Drinking Water	Signi + to Significant +
Wildlife	Magligible to Moderate ±
(d) Food	Negligible to Moderate +
(e) Cover or Shelter	Slight + to Significant +
(f) Quantity and Quality of Drinking Water	Slight + to Significant +
2. Management	
(a) Population / Resource Balance	Slight + to Moderate +
(b) Animal Health	Slight + to Moderate +

### Conservation Practice Physical Effects - Stripcropping (Wind) (589)

Soil Resource Problem / Consideration	Effect
. Erosion	
(a) Sheet and Rill	Moderate + to Moderate -
(b) Wind	Slight + to Significant +
(c) Concentrated Flow: Ephemeral Gully	Moderate + to Moderate -
(d) Concentrated Flow: Classic Gully	Negligible
(e) Streambank	Negligible
(f) Irrigation Induced	Negligible
(g) Soil Mass Movement	Not Applicable
(h) Roadbanks and Construction Sites	Not Applicable
(i) Safety	Slight + to Significant +
2. Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight + to Moderate +
(b) Soil Compaction	Slight + to Significant +
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible to Slight +
(d) Excess Animal Wastes & Other Organics	Negligible to Slight +
(e) Excess Fertilizer	Negligible to Slight +
(f) Excess Pesticides	Negligible to Slight +
3. Deposition	
(a) Damage: Onsite	Slight + to Significant +
(b) Damage: Offsite	Slight + to Significant +
(c) Safety: Onsite	Slight + to Significant +
(d) Safety: Offsite	Slight + to Significant +
(a) Excess Amounts: Seeps	Moderate + to Moderate -
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water	Moderate + to Moderate - Slight + to Slight - Negligible to Slight - Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets	Slight + to Slight - Negligible to Slight -
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land	Slight + to Slight - Negligible to Slight - Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets	Slight + to Slight - Negligible to Slight - Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non-Irrigated Land	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non-Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Negligible Slight + to Slight -
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Negligible Slight + to Slight - Slight + to Slight -
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight -
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight - Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes)	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight - Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight - Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (h) Nutrients and Organics	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight - Negligible Negligible Negligible Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight - Negligible Negligible Negligible Negligible Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight - Negligible Negligible Negligible Negligible Moderate + to Moderate - Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight - Negligible Negligible Moderate + to Moderate - Moderate + to Moderate - Negligible Negligible Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight - Negligible Negligible Moderate + to Moderate - Moderate + to Moderate - Negligible Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity	Slight + to Slight - Negligible to Slight - Negligible Negligible Slight + to Moderate + Negligible Negligible Negligible Negligible Slight + to Slight - Slight + to Slight - Slight + to Slight - Negligible Negligible Moderate + to Moderate - Moderate + to Moderate - Negligible Negligible Negligible Negligible Negligible Negligible Negligible

Air Resource Problem / Consideration	Effect
I. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Slight + to Significant +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Slight + to Significant +
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Slight + to Significant +
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Slight + to Significant +
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Slight + to Significant +
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Slight + to Significant +
(g) Airborne Sediment Particulates Causing Conveyance Problems	Slight + to Significant +
(h) Airborne Chemical Drift: Onsite	Negligible to Moderate +
(i) Airborne Chemical Drift: Offsite	Negligible
(i) Airborne Odors	Negligible
2. Condition	
(a) Air Temperature	Slight + to Moderate +
(b) Air Movement	Slight + to Moderate +
(c) Humidity	Slight + to Moderate +
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Moderate +
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Significant +
(i) Plant Damage by Wind Erosion	Slight + to Significant +
3. Management	
(a) Establishment, Growth, and Harvest	Slight + to Moderate +
(b) Nutrient Management	Slight + to Moderate +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight + to Significant +
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Negligible to Moderate +
(b) Cover or Shelter	Negligible to Moderate +
(c) Quantity and Quality of Drinking Water	Negligible to Slight +
Wildlife	
(d) Food	Negligible to Significant +
(e) Cover or Shelter	Negligible to Significant +
(f) Quantity and Quality of Drinking Water	Negligible to Moderate +
2. Management	
(a) Population / Resource Balance	Slight + to Moderate +
	Slight + to Moderate +

### Conservation Practice Physical Effects - Structure for Water Control (587)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible to Slight +
(b) Wind	Slight + to Slight -
(c) Concentrated Flow: Ephemeral Gully	Negligible
(d) Concentrated Flow: Classic Gully	Not Applicable
(e) Streambank	Slight - to Moderate -
(f) Irrigation Induced	Slight - to Moderate -
(g) Soil Mass Movement	Not Applicable
(h) Roadbanks and Construction Sites	Not Applicable
(i) Safety	Not Applicable
2. Condition	//ot/ppiioabio
	Negligible
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight + to Moderate +
(b) Soil Compaction	Slight + to Moderate +
Soil Contaminants	0::
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Significant +
(d) Excess Animal Wastes & Other Organics	Slight + to Significant +
(e) Excess Fertilizer	Slight + to Significant +
(f) Excess Pesticides	Slight + to Significant +
3. Deposition	
(a) Damage: Onsite	Negligible
(b) Damage: Offsite	Negligible
(c) Safety: Onsite	Negligible
(d) Safety: Offsite	Negligible
Water Resource Problem / Consideration  1. Quantity	Effect
(a) Excess Amounts: Seeps	Negligible
(b) Excess Amounts: Runoff / Flooding	Slight - to Moderate -
(c) Excess Amounts: Subsurface Water	Slight + to Significant +
(d) Inadequate Outlets	Slight + to Moderate +
(e) Water Management for Irrigated Land	Slight + to Significant +
(f) Water Management for Non- Irrigated Land	Significant +
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Moderate + to Significant +
(b) Nutrients and Organics	Moderate + to Significant +
(c) Salinity	Moderate + to Significant +
(d) Heavy Metals	Negligible
(e) Pathogens	Negligible
Surface Water Contaminants (Streams and Lakes)	
(g) Pesticides	Moderate + to Significant +
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Moderate + to Significant +
(h) Nutrients and Organics	~
(i) Suspended Sediment and Turbidity	Negligible
(j) Low Dissolved Oxygen	Negligible
(k) Salinity	Moderate + to Significant +
1.1 1	Negligible
(I) Heavy Metals	
(m) Temperature	Negligible
**	

Air Resource Problem / Consideration	Effect
Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Not Applicable
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Not Applicable
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Not Applicable
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Not Applicable
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Not Applicable
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Not Applicable
(g) Airborne Sediment Particulates Causing Conveyance Problems	Not Applicable
(h) Airborne Chemical Drift: Onsite	Not Applicable
(i) Airborne Chemical Drift: Offsite	Not Applicable
(j) Airborne Odors	Not Applicable
2. Condition	
(a) Air Temperature	Not Applicable
(b) Air Movement	Not Applicable
(c) Humidity	Not Applicable
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Significant + to Significant
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	İ
Productivity (Kinds, Amounts, & Distribution)	·
(a) Cropland	Significant + to Significant
(b) Hayland and Pastureland	Significant + to Significant
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Significant + to Significant
(i) Plant Damage by Wind Erosion	Not Applicable
3. Management	
(a) Establishment, Growth, and Harvest	Significant + to Significant
(b) Nutrient Management	Not Applicable
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Negligible
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	1
(a) Food	Slight + to Significant +
(b) Cover or Shelter	Slight + to Significant +
(c) Quantity and Quality of Drinking Water	Negligible
Wildlife	
(d) Food	Slight + to Significant +
(e) Cover or Shelter	Slight + to Significant +
(f) Quantity and Quality of Drinking Water	Negligible
2. Management	
(a) Population / Resource Balance	Negligible to Significant +

#### Conservation Practice Physical Effects - Subsurface Drain (606)

(a) Sheet and Rill (b) Wind (c) Concentrated Flow: Classic Gully (e) Streambank (f) Irrigation Induced (g) Soil Mass Movement (h) Roadbanks and Construction Sites (l) Safety 2. Condition (a) Soil Tith, Crusting, Water Infiltration, Organic Material (b) Sill Compaction Soil Contaminants (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (e) Excess Fertilizer (f) Excess Pertilizer (g) Excess Pertilizer (g) Sail Roads Streams (g) Excess Pertilizer (g) Excess Pertil	Soil Resource Problem / Consideration	Effect
(c) Concentrated Flow: Ephemeral Gully (d) Concentrated Flow: Classic Gully (e) Streambank (f) Bridgation Induced (g) Soil Mass Movement (h) Roadbanks and Construction Sites (i) Safety (2) Condition (a) Soil Tithk, Crusting, Water Infiltration, Organic Material (b) Soil Contaminants (c) Excess Animal Wastes & Other Organics (d) Excess Animal Wastes & Other Organics (e) Excess Animal Wastes & Other Organics (e) Excess Pesticides 3. Deposition (a) Damage: Orisite (b) Damage: Orisite (c) Safety: Onsite (d) Safety Offsite (e) Safety: Onsite (d) Safety: Offsite (e) Safety: Onsite (d) Safety: Offsite (e) Safety: Offsite (f) Safety: Offsite (g) Safety: Offsite (g) Safety: Offsite (g) Safety: Offsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (h) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pasticides (h) Nutrients and Organics (g) Pesticides (h) Nutrients and Organics (h) Nutrients	1. Erosion	
(c) Concentrated Flow: Elphemeral Gully (d) Concentrated Flow: Classic Gully (e) Streambank (f) Irrigation Induced (g) Soil Mass Movement (h) Roadbanks and Construction Sites (s) Safety (a) Soil Consaminants (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (e) Excess Fertilizer (f) Excess Fertilizer (g) Exces	(a) Sheet and Rill	Negligible to Slight +
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(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes)  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens  Negligible to Slight + Negligible to Slight + Negligible to Slight + Negligible Negligible to Slight + Negligible to Slight + Negligible Negligible to Slight + Negligible Negligible Negligible to Slight + Negligible Negligible Negligible to Slight + Negligible Negligible to Slight + Negligible Negligible Negligible Negligible Negligible to Moderate - Negligible to Slight + Negligible Negligible Negligible to Slight + Negligible to Slight + Negligible Negligible to Slight + Negligible	(e) Water Management for Irrigated Land	,
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Moderate + to Significant + Negligible (significant + Significant + Negligible (significant + Significant + Significant + Negligible (significant + Significant - Significant + Significant - Significant - Significant - Significant - Significant - Negligible (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens	(f) Water Management for Non- Irrigated Land	
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes)  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens  Negligible  Moderate + to Significant + Negligible Significant - Significant + to Moderate - Significant + to Moderate - Significant + to Moderate - Negligible Moderate - to Significant - Negligible Negligible Negligible Negligible Negligible Negligible Negligible to Moderate +	(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	
2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Moderate + to Significant + Moderate + to Significant + Negligible Significant + Negligible Significant + Negligible Significant + Significant + Significant + Negligible Significant + to Moderate - Significant + to Moderate - Significant + to Moderate - Significant + Negligible (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens  Moderate - to Significant - Negligible Negligible Negligible Negligible to Moderate + Negligible to Moder		Negligible to Slight +
Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (i) Heavy Metals (m) Temperature (n) Pathogens  Moderate + to Significant + Significant - Significant + to Moderate - Significant + to Moderate - Negligible Moderate - to Significant - Negligible to Moderate +	(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible
(a) Pesticides  (b) Nutrients and Organics  (c) Salinity  (d) Heavy Metals  (e) Pathogens  Surface Water Contaminants (Streams and Lakes)  (g) Pesticides  (h) Nutrients and Organics  (i) Suspended Sediment and Turbidity  (j) Low Dissolved Oxygen  (k) Salinity  (l) Heavy Metals  (m) Temperature  (n) Pathogens  Moderate + to Significant +  Negligible  Significant -  Significant + to Moderate -  Slight +  Negligible  Moderate - to Significant -  Slight +  Negligible  Moderate - to Significant -  Negligible  Negligible  Negligible  Negligible  Negligible  Negligible to Moderate +		
(b) Nutrients and Organics  (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes)  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens  Moderate + to Significant + Negligible Significant - Significant + to Moderate - Significant + to Moderate - Significant + to Moderate - Significant - Negligible Moderate - to Significant - Negligible Negligible Negligible Negligible Negligible Negligible to Moderate +	Groundwater Contaminants	
(c) Salinity (d) Heavy Metals (e) Pathogens  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (i) Heavy Metals (m) Temperature (n) Pathogens  Moderate + to Significant + Significant + to Moderate - Negligible Moderate - to Significant - Negligible Moderate - to Significant - Negligible Negligible Negligible Negligible Negligible to Moderate +	(a) Pesticides	Moderate + to Significant +
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(d) Heavy Metals (e) Pathogens Significant +  Surface Water Contaminants (Streams and Lakes)  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens  Negligible	(c) Salinity	Moderate + to Significant +
(e) Pathogens  Significant +  Surface Water Contaminants (Streams and Lakes)  (g) Pesticides  (h) Nutrients and Organics  (i) Suspended Sediment and Turbidity  (j) Low Dissolved Oxygen  (k) Salinity  (l) Heavy Metals  (m) Temperature  (n) Pathogens  Significant +  Moderate - to Significant -  Significant -  Negligible  Moderate - to Significant -  Negligible  Negligible  Negligible  Negligible  Negligible  Negligible to Moderate +		Negligible
Surface Water Contaminants (Streams and Lakes)  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens  Moderate - to Significant - Significant + Negligible Negligible Negligible Negligible Negligible		Significant +
(g) Pesticides  Moderate - to Significant -  (h) Nutrients and Organics  (i) Suspended Sediment and Turbidity  (j) Low Dissolved Oxygen  (k) Salinity  (l) Heavy Metals  (m) Temperature  (n) Pathogens  Moderate - to Significant -  Negligible  Negligible  Negligible  Negligible  Negligible to Moderate +	· · · · · ·	_
(h) Nutrients and Organics Significant + to Moderate - (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (h) Heavy Metals (m) Temperature (n) Pathogens Significant + to Moderate - Slight + Negligible Moderate - to Significant - Negligible Negligible Negligible Negligible		Moderate - to Significant -
(i) Suspended Sediment and Turbidity  (j) Low Dissolved Oxygen  (k) Salinity  (l) Heavy Metals  (m) Temperature  (n) Pathogens  Slight +  Negligible  Moderate - to Significant -  Negligible  Negligible  Negligible  Negligible to Moderate +	(C)	Significant + to Moderate -
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(k) Salinity Moderate - to Significant - (l) Heavy Metals (m) Temperature (n) Pathogens Megligible to Moderate +		1
(f) Heavy Metals (m) Temperature (n) Pathogens  Negligible Negligible to Moderate +	**	
(m) Temperature  (n) Pathogens  Negligible Negligible to Moderate +		
(n) Pathogens Negligible to Moderate +	·· ·	
(1)		
(o) Aquatic Habitat Suitability   Significant + to Significant -	(o) Aquatic Habitat Suitability	Significant + to Significant -

## Conservation Practice Physical Effects - Subsurface Drain (606), page 2

Ur Resource Problem / Consideration	Effect
Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Not Applicable
(b) Codiment and Smoke Particulates Causing Safety Problems: Unsite	Not Applicable
(a) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Unsite	Not Applicable
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Not Applicable Not Applicable Not Applicable
(g) Airborne Sediment Particulates Causing Conveyance Problems	
(h) Airborne Chemical Drift: Onsite	Not Applicable
(i) Airborne Chemical Drift: Offsite	Not Applicable
(i) Airborne Odors	Not Applicable
Condition	
(a) Air Temperature	Not Applicable
(b) Air Movement	Not Applicable
(c) Humidity	Not Applicable
Plant Resource Problem / Consideration	Effect
1. Suitability	Significant + to Significant -
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	Significant + to Significant -
(a) Cropland	Significant + to Significant -
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Significant + to Significant -
(h) Health and Vigor	Slight +
(i) Plant Damage by Wind Erosion	Silght !
3. Management	Significant + to Slight -
(a) Establishment, Growth, and Harvest	Not Applicable
(h) Nutrient Management	Moderate + to Significant -
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	Significant + to Significant -
(a) Food	Significant + to Significant -
(b) Cover or Shelter	Moderate + to Significant -
(c) Quantity and Quality of Drinking Water	
Wildlife	Significant + to Significant -
(d) Food	Significant + to Significant -
(e) Cover or Shelter	Moderate + to Significant -
(f) Quantity and Quality of Drinking Water	
2. Management	Significant + to Significant -
(a) Population / Resource Balance	Significant + to Significant -
(b) Animal Health	

## Conservation Practice Physical Effects - Surface Drain. (Field Ditch) (607)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible
(b) Wind	Negligible
(c) Concentrated Flow: Ephemeral Gully	Negligible to Slight -
(d) Concentrated Flow: Classic Gully	Negligible to Slight -
(e) Streambank	Negligible
(f) Irrigation Induced	Slight -
(g) Soil Mass Movement	Not Applicable
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Not Applicable
2. Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight +
(b) Soil Compaction	Slight + to Moderate +
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Slight + to Significant +
(d) Excess Animal Wastes & Other Organics	Negligible to Slight +
(e) Excess Fertilizer	Negligible to Slight +
(f) Excess Pesticides	Negligible
3. Deposition	
(a) Damage: Onsite	Negligible
(b) Damage: Offsite	Negligible
(c) Safety: Onsite	Negligible
(d) Safety: Offsite	Negligible
Water Resource Problem / Consideration	Effect
1. Quantity	Slight + to Significant +
(a) Excess Amounts: Seeps	Significant +
(b) Excess Amounts: Runoff / Flooding	Slight + to Significant +
(c) Excess Amounts: Subsurface Water	Slight - to Significant -
(d) Inadequate Outlets	Slight + to Significant +
(e) Water Management for Irrigated Land	Significant +
(f) Water Management for Non- Irrigated Land	Slight - to Moderate -
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight - to Significant -
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Slight - to Significant -
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Signt - to Significant
2. Quality	
Groundwater Contaminants	Slight +
(a) Pesticides	Slight +
(b) Nutrients and Organics	Slight +
(c) Salinity	Negligible
(d) Heavy Metals	Negligible
(e) Pathogens	Megligible
Surface Water Contaminants (Streams and Lakes)	Clicht to Moderate
(g) Pesticides	Slight - to Moderate -
(h) Nutrients and Organics	Slight - to Moderate -
(i) Suspended Sediment and Turbidity	Slight -
(j) Low Dissolved Oxygen	Slight -
(k) Salinity	Negligible to Significant -
(I) Heavy Metals	Negligible to Moderate -
(m) Temperature	Negligible
(n) Pathogens	Negligible to Moderate - Slight - to Significant -

#### Conservation Practice Physical Effects - Surface Drain. (Field Ditch) (607), page 2

Air Resource Problem / Consideration	Effect
. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible to Slight -
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible to Slight -
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible Negligible to Slight -
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite (g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible to Slight -
	Negligible Negligible
(h) Airborne Chemical Drift: Onsite	
(i) Airborne Chemical Drift: Offsite	Negligible
(j) Airborne Odors	Negligible
2. Condition	
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Slight + to Significant +
(b) Plants are unsuitable for intended use	Slight + to Significant +
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Significant +
(b) Hayland and Pastureland	Slight + to Significant +
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Significant +
(i) Plant Damage by Wind Erosion	Not Applicable
3. Management	
(a) Establishment, Growth, and Harvest	Significant +
(b) Nutrient Management	Slight +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight +
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Moderate + to Moderate -
(b) Cover or Shelter	Moderate + to Moderate -
(c) Quantity and Quality of Drinking Water	Negligible to Slight -
Wildlife	
(d) Food	Moderate + to Moderate -
(e) Cover or Shelter	Moderate + to Moderate -
(f) Quantity and Quality of Drinking Water	Negligible to Slight -
2. Management	
	Mandarata i da Madarata
(a) Population / Resource Balance	Moderate + to Moderate -

#### Conservation Practice Physical Effects - Surface Drain. (Main or Lateral) (608)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible
(b) Wind	Negligible
(c) Concentrated Flow: Ephemeral Gully	Negligible to Slight -
(d) Concentrated Flow: Classic Gully	Negligible to Slight -
(e) Streambank	Negligible
(f) Irrigation Induced	Negligible
(g) Soil Mass Movement	Not Applicable
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Not Applicable
. Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight +
(b) Soil Compaction	Slight +
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Slight + to Significant +
(d) Excess Animal Wastes & Other Organics	Negligible to Slight +
(e) Excess Fertilizer	Negligible to Slight +
(f) Excess Pesticides	Negligible
B. Deposition	
(a) Damage: Onsite	Negligible
(b) Damage: Offsite	Negligible
(c) Safety: Onsite	Negligible
(d) Safety: Offsite	Negligible
Water Resource Problem / Consideration	Effect
1. Quantity	
(a) Excess Amounts: Seeps	Slight + to Significant +
(b) Excess Amounts: Runoff / Flooding	Significant +
· · -	Slight + to Significant +
(c) Excess Amounts: Subsurface Water	Slight - to Significant -
(d) Inadequate Outlets	Slight + to Significant +
(e) Water Management for Irrigated Land	Significant +
(f) Water Management for Non-Irrigated Land	Slight - to Moderate -
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Slight - to Significant -
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Slight - to Significant -
2. Quality	
Groundwater Contaminants	Oli - ha
(a) Pesticides	Slight +
(b) Nutrients and Organics	Slight +
(c) Salinity	Slight +
(d) Heavy Metals	Negligible
(e) Pathogens	Negligible
Surface Water Contaminants (Streams and Lakes)	l
(g) Pesticides	Slight - to Significant -
(h) Nutrients and Organics	Slight - to Significant -
(i) Suspended Sediment and Turbidity	Slight - to Moderate -
(j) Low Dissolved Oxygen	Slight -
(k) Salinity	Negligible to Significant -
(I) Heavy Metals	Negligible to Moderate -
(m) Temperature	Negligible
, , , ,	Neglicible to Moderate
(n) Pathogens	Negligible to Moderate -

### Conservation Practice Physical Effects - Surface Drain. (Main or Lateral) (608), page 2

If Resource Problem / Consideration	Effect
. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible to Slight -
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible to Slight -
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible Negligible to Slight - Negligible to Slight - Negligible Negligible Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	
(h) Airborne Chemical Drift: Onsite	
(i) Airborne Chemical Drift: Offsite	
(i) Airborne Odors	Negligible
2. Condition	
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Slight + to Significant +
(b) Plants are unsuitable for intended use	Slight + to Significant +
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Significant +
(b) Hayland and Pastureland	Slight + to Significant +
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Significant +
(i) Plant Damage by Wind Erosion	Not Applicable
• •	• • • • • • • • • • • • • • • • • • • •
3. Management	Significant +
(a) Establishment, Growth, and Harvest	Slight +
(b) Nutrient Management (c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight +
Animal Resource Problem / Consideration	Effect
1 Habitat	
Domestic Animals	
(a) Food	Moderate + to Moderate -
(b) Cover or Shelter	Moderate + to Moderate -
(c) Quantity and Quality of Drinking Water	Negligible to Slight +
	<b>5</b> 5
Wildlife (d) Food	Slight + to Moderate -
(d) Food	Slight + to Moderate -
(e) Cover or Shelter	Negligible to Slight +
(f) Quantity and Quality of Drinking Water	
2. Management (a) Population / Resource Balance	Moderate + to Moderate -

### Conservation Practice Physical Effects - Surface Roughening (609)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible to Slight +
(b) Wind	Moderate + to Significant +
(c) Concentrated Flow: Ephemeral Gully	Slight + to Slight -
(d) Concentrated Flow: Classic Gully	Negligible
(e) Streambank	Negligible
(f) Irrigation Induced	Negligible to Slight +
(g) Soil Mass Movement	Negligible
(h) Roadbanks and Construction Sites	Negligible to Slight +
(i) Safety	Negligible
Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Negligible
(b) Soil Compaction	Negligible
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	Negligible
). Deposition	
(a) Damage: Onsite	Slight + to Moderate +
(b) Damage: Offsite	Slight + to Moderate +
(c) Safety: Onsite	Slight + to Moderate +
(d) Safety: Offsite	Slight + to Moderate +
Water Resource Problem / Consideration  1. Quantity	Effect
(a) Excess Amounts: Seeps	Negligible
(b) Excess Amounts: Runoff / Flooding	Negligible
(c) Excess Amounts: Subsurface Water	Negligible
(d) Inadequate Outlets	Negligible
(e) Water Management for Irrigated Land	Negligible
(f) Water Management for Non- Irrigated Land	Negligible
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight + to Moderate +
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible to Slight +
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible to Slight +
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Negligible
(b) Nutrients and Organics	Negligible
, ,	Negligible
(c) Salinity	Negligible
(d) Heavy Metals	Negligible
(e) Pathogens	
Surface Water Contaminants (Streams and Lakes)	Negligible to Slight +
(g) Pesticides	Moderate + to Significant
(h) Nutrients and Organics	Negligible to Slight +
(i) Suspended Sediment and Turbidity	Negligible to Moderate +
(j) Low Dissolved Oxygen	Negligible to Slight +
(k) Salinity	Negligible to Silgrit +
1.7	146AnAinie
(I) Heavy Metals	Negligible
(m) Temperature	Negligible
· · · · · · · · · · · · · · · · · · ·	Negligible Negligible to Slight + Negligible to Moderate +

### Conservation Practice Physical Effects - Surface Roughening (609), page 2

. Quality  (a) Sediment and Smoke Particulates Causing Safety Problems: Onsite  (b) Sediment and Smoke Particulates Causing Safety Problems: Offsite  (c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite  (d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite  (e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite  (f) Airborne Sediment Articulates Causing Conveyance Problems: Offsite  (g) Airborne Sediment Particulates Causing Conveyance Problems  (h) Airborne Chemical Drift: Onsite  (i) Airborne Chemical Drift: Offsite  (ii) Airborne Odors	Slight + to Moderate + Negligible
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite (b) Sediment and Smoke Particulates Causing Safety Problems: Offsite (c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite (d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite (e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite (f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite (g) Airborne Sediment Particulates Causing Conveyance Problems (h) Airborne Chemical Drift: Onsite (i) Airborne Chemical Drift: Offsite	Slight + to Moderate +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite (c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite (d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite (e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite (f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite (g) Airborne Sediment Particulates Causing Conveyance Problems (h) Airborne Chemical Drift: Onsite (i) Airborne Chemical Drift: Offsite	Slight + to Moderate +
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite (d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite (e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite (f) Airborne Sediment And Smoke Particulates Causing Health Problems: Offsite (g) Airborne Sediment Particulates Causing Conveyance Problems (h) Airborne Chemical Drift: Offsite (i) Airborne Chemical Drift: Offsite	Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate +
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite (e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite (f) Airborne Sediment And Smoke Particulates Causing Health Problems: Offsite (g) Airborne Sediment Particulates Causing Conveyance Problems (h) Airborne Chemical Drift: Onsite (i) Airborne Chemical Drift: Offsite	Slight + to Moderate + Slight + to Moderate + Slight + to Moderate +
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite (f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite (g) Airborne Sediment Particulates Causing Conveyance Problems (h) Airborne Chemical Drift: Onsite (i) Airborne Chemical Drift: Offsite	Slight + to Moderate + Slight + to Moderate +
(f) <u>Airborne Sediment and Smoke Particulates Causing Health Problems</u> : Offsite (g) Airborne Sediment Particulates Causing Conveyance Problems (h) <u>Airborne Chemical Drift</u> : Onsite (i) <u>Airborne Chemical Drift</u> : Offsite	Slight + to Moderate +
(g) Airborne Sediment Particulates Causing Conveyance Problems (h) <u>Airborne Chemical Drift</u> : Onsite (i) <u>Airborne Chemical Drift</u> : Offsite	
(h) Airborne Chemical Drift: Onsite (i) Airborne Chemical Drift: Offsite	Neglicible
(i) Airborne Chemical Drift: Offsite	
	Negligible
	Negligible
2. Condition	
(a) Air Temperature	Negligible
(b) Air Movement	Negligible to Slight +
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Significant +
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Significant +
(i) Plant Damage by Wind Erosion	Slight + to Significant +
3. Management	Slight + to Significant +
(a) Establishment, Growth, and Harvest	Negligible to Moderate +
(b) Nutrient Management (c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Not Applicable
(c) Pests (brush, weeus, insects, biseases, and rangy  Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Negligible
(b) Cover or Shelter	Negligible
(c) Quantity and Quality of Drinking Water	Negligible
Wildlife Vision States	•
(d) Food	Negligible
(e) Cover or Shelter	Negligibl <b>e</b>
(f) Quantity and Quality of Drinking Water	Negligible
2. Management	Not Applicable
(a) Population / Resource Balance (b) Animal Health	Not Applicable

## Conservation Practice Physical Effects - Terrace (Gradient) (600)

Soil Resource Problem / Consideration	Effect
I. Erosion	
(a) Sheet and Rill	Slight + to Moderate +
(b) Wind	Slight +
(c) Concentrated Flow: Ephemeral Gully	Significant +
(d) Concentrated Flow: Classic Gully	Moderate + to Significant +
(e) Streambank	Slight + to Moderate +
(f) Irrigation Induced	Slight +
(g) Soil Mass Movement	Negligible
(h) Roadbanks and Construction Sites	Slight + to Moderate +
(i) Safety	Not Applicable
. Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight + to Significant +
(b) Soil Compaction	Negligible
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Slight +
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	Negligible
B. Deposition	
(a) Damage: Onsite	Significant +
(b) Damage: Offsite	Moderate + to Significant +
(c) Safety: Onsite	Slight +
(d) Safety: Offsite	Moderate + to Significant +
1. Quantity (a) Excess Amounts: Seeps	Negligible to Slight +
	Negligible to Slight -
(b) Excess Amounts: Runoff / Flooding	Negligible to Slight - Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water	Negligible to Slight - Negligible Slight -
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets	Negligible to Slight - Negligible Slight - Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land	Negligible to Slight - Negligible Slight - Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (o) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (a) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight -
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight + Slight - Slight - Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight + Slight - Slight - Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight + Slight - Slight - Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight + Slight - Slight - Negligible Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes)	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight - Slight - Slight - Negligible Negligible Negligible Negligible Slight + to Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight - Slight - Negligible Negligible Negligible Negligible Slight + to Moderate + Slight + to Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (h) Nutrients and Organics	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight - Slight - Slight - Negligible Negligible Negligible Negligible Slight + to Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight - Slight - Negligible Negligible Negligible Negligible Slight + to Moderate + Slight + to Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight - Slight - Negligible Negligible Negligible Negligible Slight + to Moderate + Slight + to Moderate + Slight + to Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (k) Salinity (k) Salinity	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight - Slight - Negligible Negligible Negligible Negligible Slight + to Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight - Slight - Negligible Negligible Negligible Negligible Negligible Slight + to Moderate +
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Pestricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (k) Salinity	Negligible to Slight - Negligible Slight - Negligible Negligible Moderate + Slight + Slight - Slight - Slight - Negligible Negligible Negligible Negligible Slight + to Moderate + Slight + Negligible

### Conservation Practice Physical Effects - Terrace (Gradient) (600), page 2

Air Resource Problem / Consideration	Effect
. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Slight +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Slight +
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible Negligible Negligible
(g) Airborne Sediment Particulates Causing Conveyance Problems	
(h) Airborne Chemical Drift: Onsite	
(i) Airborne Chemical Drift: Offsite	Negligible
	Negligible
(j) Airborne Odors	rioging.bio
2. Condition	Negligible
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	izediiAinie
Plant Resource Problem / Consideration	Effect
1. Suitability	Negligible
(a) Plants are not well adapted to site	• • •
(b) Plants are unsuitable for intended use	Moderate + to Significant +
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Negligible to Slight +
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight +
(i) Plant Damage by Wind Erosion	Slight +
3. Management	
(a) Establishment, Growth, and Harvest	Slight -
(b) Nutrient Management	Slight -
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight - to Moderate -
Animal Resource Problem / Consideration	Effect
1. Habitat	<u> 1900 ya Barta Bayarin Indonesia Albarata Albar</u>
Domestic Animals	
(a) Food	Slight + to Moderate +
(b) Cover or Shelter	Slight +
(c) Quantity and Quality of Drinking Water	Negligible to Slight +
Wildlife	
<del></del>	Slight + to Moderate +
(d) Food	Slight +
(e) Cover or Shelter	Negligible to Slight +
(f) Quantity and Quality of Drinking Water	, regugiere to engite .
2. Management	Negligible
(a) Population / Resource Balance (b) Animal Health	Negligible Negligible
	NEGLIGIDIE

### Conservation Practice Physical Effects - Terrace (Storage) (600)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Slight + to Moderate +
(b) Wind	Slight +
(c) Concentrated Flow: Ephemeral Gully	Significant +
(d) Concentrated Flow: Classic Gully	Moderate + to Significant +
(e) Streambank	Slight + to Moderate +
(f) Irrigation Induced	Slight +
(g) Soil Mass Movement	Slight - to Moderate -
(h) Roadbanks and Construction Sites	Slight + to Moderate +
(i) Safety	Not Applicable
Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Negligible to Significant -
(b) Soil Compaction	Negligible
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Slight + to Moderate +
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	Negligible
B. Deposition	
(a) Damage: Onsite	Significant +
(b) Damage: Offsite	Moderate + to Significant +
(c) Safety: Onsite	Slight +
(d) Safety: Offsite	Moderate + to Significant +
Water Resource Problem / Consideration	Effect
1. Quantity	Slight -
(a) Excess Amounts: Seeps	Moderate + to Significant +
(b) Excess Amounts: Runoff / Flooding	Slight - to Moderate -
(c) Excess Amounts: Subsurface Water	Significant + to Moderate -
(d) Inadequate Outlets	Slight + to Moderate +
(e) Water Management for Irrigated Land	Slight + to Moderate +
(f) Water Management for Non- Irrigated Land	Significant +
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Significant +
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Moderate +
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Woderate
2. Quality	
Groundwater Contaminants	Moderate -
(a) Pesticides	Moderate -
(b) Nutrients and Organics	Slight +
(c) Salinity	
(d) Heavy Metals	Negligible
(e) Pathogens	Negligible
Surface Water Contaminants (Streams and Lakes)	Olivers of Cinnificant i
(g) Pesticides	Slight + to Significant +
(h) Nutrients and Organics	Slight + to Significant +
(i) Suspended Sediment and Turbidity	Slight + to Significant +
(j) Low Dissolved Oxygen	Slight + to Moderate +
(k) Salinity	Slight +
(I) Heavy Metals	Negligible
	Negligible
(m) Temperature	
	Negligible Slight - to Moderate +

### Conservation Practice Physical Effects - Terrace (Storage) (600), page 2

Mr Resource Problem / Consideration	Effect
Quality	All 1.
(a) Sadiment and Smoke Particulates Causing Safety Problems: Onsite	Slight +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Slight +
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(a) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible
(g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible
(h) Airborne Chemical Drift: Onsite	Negligible
(i) Airborne Chemical Drift: Offsite	Negligible
(i) Airborne Odors	Negligible
2. Condition	
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	Negligible
(a) Plants are not well adapted to site	Moderate + to Significant +
(b) Plants are unsuitable for intended use	Moderate + to Significant
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	Moderate +
(a) Cropland	Not Applicable
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	•••
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight +
(i) Plant Damage by Wind Erosion	Slight +
3. Management	011-14
(a) Establishment, Growth, and Harvest	Slight -
(b) Nutrient Management	Slight -
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight - to Moderate -
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	Slight + to Moderate +
(a) Food	Slight + to Moderate +
(b) Cover or Shelter	Negligible to Slight +
(c) Quantity and Quality of Drinking Water	/regrigion to engine
Wildlife	Slight + to Moderate +
(d) Food	Slight + to Moderate +
(e) Cover or Shelter	Negligible to Slight +
(f) Quantity and Quality of Drinking Water	14ediidipio to ciidir.
2. Management	Negligible
(a) Population / Resource Balance	Negligible
(b) Animal Health	14091191010

## Conservation Practice Physical Effects - Tree Planting (612)

. Erosion (a) Sheet and Rill (b) Wind (c) Concentrated Flow: Ephemeral Gully (d) Concentrated Flow: Classic Gully (e) Streambank (f) Irrigation Induced	Moderate + to Significant + Moderate + to Significant + Significant +
(b) Wind (c) Concentrated Flow: Ephemeral Gully (d) Concentrated Flow: Classic Gully (e) Streambank	Moderate + to Significant +
(c) Concentrated Flow: Ephemeral Gully (d) Concentrated Flow: Classic Gully (e) Streambank	
(c) Concentrated Flow: Ephemeral Gully (d) Concentrated Flow: Classic Gully (e) Streambank	Significant +
(d) Concentrated Flow: Classic Gully (e) Streambank	-
(e) Streambank	Slight + to Moderate +
	Slight + to Moderate +
	Negligible
(g) Soil Mass Movement	Negligible to Significant +
(h) Roadbanks and Construction Sites	Slight + to Significant +
(i) Safety	Not Applicable
Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight + to Significant +
(b) Soil Compaction	Slight + to Significant +
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible
(d) Excess Animal Wastes & Other Organics	Slight + to Moderate +
(e) Excess Fertilizer	Slight + to Moderate +
(f) Excess Pesticides	Moderate + to Significant +
B. Deposition	
(a) Damage: Onsite	Slight +
(b) Damage: Offsite	Slight +
(c) Safety: Onsite	Slight +
(d) Safety: Offsite	Slight + to Moderate +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding	Slight + to Moderate +
	Moderate + to Significant +
(c) Excess Amounts: Subsurface Water	Slight +
(d) Inadequate Outlets	Negligible
(e) Water Management for Irrigated Land	Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight + to Moderate +
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Slight +
(i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes	Slight + to Moderate +
	•
2. Quality	
Groundwater Contaminants	Moderate + to Slight -
(a) Pesticides	Moderate + to Slight -
(b) Nutrients and Organics	Slight + to Moderate +
(c) Salinity	Negligible
(d) Heavy Metals	Negligible
(e) Pathogens	• •
Surface Water Contaminants (Streams and Lakes)	Slight + to Moderate +
(g) Pesticides	Slight + to Moderate +
(h) Nutrients and Organics	Slight + to Moderate +
(i) Suspended Sediment and Turbidity	Slight +
(j) Low Dissolved Oxygen	Slight + to Moderate +
(k) Salinity	Slight +
(I) Heavy Metals	Slight + to Moderate +
(m) Temperature	Slight +
(n) Pathogens	Slight +

Air Resource Problem / Consideration	Effect
. Quality	200
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Slight +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Moderate + to Significant +
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Slight + to Moderate +
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Slight + to Moderate +
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Slight + to Moderate + Slight + to Moderate + Slight + to Moderate +
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	
(h) Airborne Chemical Drift: Onsite	Slight +
(i) Airborne Chemical Drift: Offsite	Slight +
(j) Airborne Odors	Negligible
2. Condition	Ollicha is to Mandagata is
(a) Air Temperature	Slight + to Moderate +
(b) Air Movement	Moderate +
(c) Humidity	Slight + to Moderate +
Plant Resource Problem / Consideration	Effect
1. Suitability	M. J
(a) Plants are not well adapted to site	Moderate + to Significant +
(b) Plants are unsuitable for intended use	Moderate + to Significant +
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Moderate + to Significant +
(b) Hayland and Pastureland	Moderate + to Significant +
(c) Rangeland	Moderate + to Significant +
(d) Seeded Rangeland	Moderate + to Significant +
(e) Annual Rangeland	Not Applicable
(f) Forestland	Moderate + to Significant +
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Not Applicable
(i) Plant Damage by Wind Erosion	Slight +
3. Management	<u>.</u>
(a) Establishment, Growth, and Harvest	Moderate + to Significant +
(b) Nutrient Management	Moderate + to Significant +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Moderate + to Significant +
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	Cignificant + to Cignificant
(a) Food	Significant + to Significant -
(b) Cover or Shelter	Significant + to Significant -
(c) Quantity and Quality of Drinking Water	Significant + to Significant -
Wildlife ,	Cinnificant Lta Significant
(d) Food	Significant + to Significant -
(e) Cover or Shelter	Significant + to Significant -
(f) Quantity and Quality of Drinking Water	Significant + to Significant -
2. Management	O'
(a) Population / Resource Balance	Significant + to Significant -
(b) Animal Health	Significant + to Significant -

#### Conservation Practice Physical Effects - Trough or Tank (614)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible to Slight -
(b) Wind	Negligible to Slight -
(c) Concentrated Flow: Ephemeral Gully	Negligible to Slight -
(d) Concentrated Flow: Classic Gully	Negligible
(e) Streambank	Negligible
(f) Irrigation Induced	Not Applicable
(g) Soil Mass Movement	Not Applicable
(h) Roadbanks and Construction Sites	Not Applicable
(i) Safety	Negligible
Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Negligible to Slight -
(b) Soil Compaction	Negligible to Moderate -
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Not Applicable
(d) Excess Animal Wastes & Other Organics	Slight - to Moderate -
(e) Excess Fertilizer	Not Applicable
(f) Excess Pesticides	Not Applicable
Deposition	riot Applicable
(a) Damage: Onsite	Negligible
(b) Damage: Offsite	Negligible to Slight -
(c) Safety: Onsite	Negligible
(d) Safety: Offsite	Negligible
Vater Resource Problem / Consideration	Effect
1. Quantity	
(a) Excess Amounts: Seeps	Negligible to Significant +
(b) Excess Amounts: Runoff / Flooding	Negligible
(c) Excess Amounts: Subsurface Water	Negligible
(d) inadequate Outlets	Not Applicable
(e) Water Management for Irrigated Land	Not Applicable
(f) Water Management for Non- Irrigated Land	Negligible
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible
(i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes	
	Negligible
. Quality	
Groundwater Contaminants	A1-A A11
(a) Pesticides	Not Applicable
(b) Nutrients and Organics	Negligible
(c) Salinity	Negligible
(d) Heavy Metals	Not Applicable
	Not Applicable
(e) Pathogens	
Surface Water Contaminants (Streams and Lakes)	
Surface Water Contaminants (Streams and Lakes) (g) Pesticides	Not Applicable
Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Negligible to Significant +
Surface Water Contaminants (Streams and Lakes) (g) Pesticides	
Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Negligible to Significant +
Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Negligible to Significant + Negligible to Significant +
Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Negligible to Significant + Negligible to Significant + Negligible
Surface Water Contaminants (Streams and Lakes)  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity	Negligible to Significant + Negligible to Significant + Negligible Negligible
Surface Water Contaminants (Streams and Lakes)  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals	Negligible to Significant + Negligible to Significant + Negligible Negligible Negligible

#### Conservation Practice Physical Effects - Trough or Tank (614), page 2

Air Resource Problem / Consideration	Effect
1. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Not Applicable
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Not Applicable
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Not Applicable
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Not Applicable
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Not Applicable
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Not Applicable
(g) Airborne Sediment Particulates Causing Conveyance Problems	Not Applicable
(h) Airborne Chemical Drift: Onsite	Not Applicable
(i) Airborne Chemical Drift: Offsite	Not Applicable
(i) Airborne Odors	Negligible to Slight -
2. Condition	
(a) Air Temperature	Not Applicable
	Not Applicable
(b) Air Movement	Not Applicable
(c) Humidity	
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Not Applicable
(b) Hayland and Pastureland	Slight + to Significant +
(c) Rangeland	Slight + to Significant +
(d) Seeded Rangeland	Slight + to Significant +
(e) Annual Rangeland	Not Applicable
(f) Forestland	Slight + to Significant +
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
·—·	Slight + to Significant +
(h) Health and Vigor	Slight +
(i) Plant Damage by Wind Erosion	Slight
3. Management	Clicht . to Cignificant .
(a) Establishment, Growth, and Harvest	Slight + to Significant + Not Applicable
(b) Nutrient Management	• • •
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Negligible
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Slight + to Significant +
(b) Cover or Shelter	Slight - to Significant -
(c) Quantity and Quality of Drinking Water	Moderate + to Significant
Wildlife	
(d) Food	Slight + to Significant +
(e) Cover or Shelter	Slight - to Significant -
(f) Quantity and Quality of Drinking Water	Moderate + to Significant
2. Management	
(a) Population / Resource Balance	Slight + to Significant +
	Slight + to Significant +
(b) Animal Health	Slight + to Significant

#### Conservation Practice Physical Effects - Underground Outlet (620)

	Effect
. Erosion	
(a) Sheet and Rill	Negligible
(b) Wind	Not Applicable
(c) Concentrated Flow: Ephemeral Gully	Significant +
(d) Concentrated Flow: Classic Gully	Moderate +
(e) Streambank	Not Applicable
(f) Irrigation Induced	Slight + to Moderate +
(g) Soil Mass Movement	Slight +
(h) Roadbanks and Construction Sites	Moderate + to Significant +
(i) Safety	Not Applicable
Condition	••
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Not Applicable
(b) Soil Compaction	Not Applicable
Soil Contaminants	• • • • • • • • • • • • • • • • • • • •
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	Negligible
3. Deposition	
(a) Damage: Onsite	Moderate +
(b) Damage: Offsite	Slight +
(c) Safety: Onsite	Slight +
(d) Safety: Offsite	Slight +
·	
•	Negligible
(a) Excess Amounts: Seeps	Negligible Slight + to Moderate +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding	
(a) Excess Amounts: Seeps	Slight + to Moderate +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets	Slight + to Moderate + Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land	Slight + to Moderate + Negligible Significant +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land	Slight + to Moderate + Negligible Significant + Not Applicable
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non-Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight + to Moderate + Negligible Significant + Not Applicable Negligible
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non-Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non-Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight + Negligible Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight + Negligible Negligible Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight +  Negligible Negligible Negligible Negligible Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes)	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight +  Negligible Negligible Negligible Negligible Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight +  Negligible Negligible Negligible Negligible Negligible Negligible Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight + Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes (c) Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight + Negligible to Slight + Negligible to Slight +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight +  Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (i) Low Dissolved Oxygen (k) Salinity (k) Salinity	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight +  Negligible Slight + Slight +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight +  Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (k) Salinity	Slight + to Moderate + Negligible Significant + Not Applicable Negligible Moderate + to Significant + Slight + to Moderate + Slight +  Negligible to Slight + Negligible to Slight + Negligible Negligible Negligible

#### Conservation Practice Physical Effects - Underground Outlet (620), page 2

Air Resource Problem / Consideration	Effect
1. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Not Applicable
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Not Applicable
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Not Applicable
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Not Applicable
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Not Applicable
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Not Applicable
(g) Airborne Sediment Particulates Causing Conveyance Problems	Not Applicable
(h) Airborne Chemical Drift: Onsite	Not Applicable
(i) Airborne Chemical Drift: Offsite	Not Applicable
(i) Airborne Odors	Not Applicable
2. Condition	
(a) Air Temperature	Not Applicable
(b) Air Movement	Not Applicable
(c) Humidity	Not Applicable
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Negligible
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Negligible
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Not Applicable
	Not Applicable
(i) Plant Damage by Wind Erosion	1
3. Management	Negligible
(a) Establishment, Growth, and Harvest	Not Applicable
(b) Nutrient Management (c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Not Applicable
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Not Applicable
(b) Cover or Shelter	Not Applicable
(c) Quantity and Quality of Drinking Water	Not Applicable
Wildlife	
(d) Food	Not Applicable
(a) Podd (e) Cover or Shelter	Not Applicable
(f) Quantity and Quality of Drinking Water	Not Applicable
· · · · · · · · · · · · · · · · · · ·	
2. Management	Not Applicable
(a) Population / Resource Balance	Negligible
(b) Animal Health	
	i e

# Conservation Practice Physical Effects - Waste Management System (312)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible
(b) Wind	Negligible
(c) Concentrated Flow: Ephemeral Gully	Negligible
(d) Concentrated Flow: Classic Gully	Negligible
(e) Streambank	Negligible
(f) Irrigation Induced	Negligible
(g) Soil Mass Movement	Negligible
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Negligible
2. Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight - to Slight +
(b) Soil Compaction	Negligible
Soil Contaminants (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Moderate - to Negligible
	Significant - to Slight +
(d) Excess Animal Wastes & Other Organics	Moderate - to Slight +
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	11091191211
3. Deposition	Negligible
(a) Damage: Onsite	Negligible
(b) Damage: Offsite	Negligible
(c) Safety: Onsite (d) Safety: Offsite	Negligible
Water Resource Problem / Consideration	Effect
1. Quantity	N. H. Walla
(a) Excess Amounts: Seeps	Negligible
(b) Excess Amounts: Runoff / Flooding	Negligible
(c) Excess Amounts: Subsurface Water	Negligible
(d) Inadequate Outlets	Negligible
(e) Water Management for Irrigated Land	Negligible
(f) Water Management for Non- Irrigated Land	Negligible
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Negligible
(b) Nutrients and Organics	Slight - to Moderate +
(c) Salinity	Negligible
(d) Heavy Metals	Slight - to Moderate +
(e) Pathogens	Slight - to Moderate +
Surface Water Contaminants (Streams and Lakes)	
	Negligible
(g) Pesticides	Moderate - to Significant +
(h) Nutrients and Organics	Negligible
(i) Suspended Sediment and Turbidity	Significant - to Moderate +
(j) Low Dissolved Oxygen	Negligible
(k) Salinity	Slight - to Negligible
(I) Heavy Metals	Slight - to Negligible
(m) Temperature	Moderate - to Moderate +
(n) Pathogens	Slight - to Negligible
(o) Aquatic Habitat Suitability	Sugit - to Hegilgible

#### Conservation Practice Physical Effects - Waste Management System (312), page 2

Air Resource Problem / Consideration	Effect	
. Quality		
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible	
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible	
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible	
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible	
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Moderate - to Negligible	
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Moderate - to Slight + Negligible Negligible	
(g) Airborne Sediment Particulates Causing Conveyance Problems		
(h) Airborne Chemical Drift: Onsite		
(i) Airborne Chemical Drift: Offsite	Negligible	
(j) Airborne Odors	Significant - to Slight -	
2. Condition	-	
(a) Air Temperature	Moderate - to Negligible	
(b) Air Movement	Negligible	
(c) Humidity	Slight -	
Plant Resource Problem / Consideration	Effect	
1. Suitability		
(a) Plants are not well adapted to site	Slight - to Slight +	
(b) Plants are unsuitable for intended use	Negligible	
2. Condition		
Productivity (Kinds, Amounts, & Distribution)		
(a) Cropland	Slight + to Moderate +	
(b) Hayland and Pastureland	Slight + to Moderate +	
(c) Rangeland	Negligible	
(d) Seeded Rangeland	Negligible Not Applicable	
(e) Annual Rangeland		
(f) Forestland	Negligible	
(g) Other Land (Wildlife, Recreation, etc.)	Negligible	
(h) Health and Vigor	Negligible to Moderate +	
· · · · · · · · · · · · · · · · · · ·	Negligible	
(i) Plant Damage by Wind Erosion	i i i i i i i i i i i i i i i i i i i	
3. Management	Negligible to Slight +	
(a) Establishment, Growth, and Harvest	Slight + to Significant +	
(b) Nutrient Management	Slight - to Negligible	
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	141 (141 )	
Animal Resource Problem / Consideration	Effect	
1. Habitat		
Domestic Animals	Negligible to Slight +	
(a) Food	Negligible to Slight +	
(b) Cover or Shelter	Slight - to Negligible	
(c) Quantity and Quality of Drinking Water	Signt - to Negligible	
Wildlife	Neglicible to Slight	
(d) Food	Negligible to Slight +	
(e) Cover or Shelter	Negligible to Slight +	
(f) Quantity and Quality of Drinking Water	Slight - to Negligible	
2. Management		
(a) Population / Resource Balance	Negligible	
(b) Animal Health	Negligible	

# Conservation Practice Physical Effects - Waste Storage Pond (425)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Not Applicable
(b) Wind	Not Applicable
(c) Concentrated Flow: Ephemeral Guily	Not Applicable
(d) Concentrated Flow: Classic Gully	Not Applicable
(e) Streambank	Not Applicable
(f) Irrigation Induced	Not Applicable
(g) Soil Mass Movement	Not Applicable
(h) Roadbanks and Construction Sites	
(i) Safety	Not Applicable
2. Condition	Not Applicable
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Not Applicable
(b) Soil Compaction	Not Applicable
Soil Contaminants	Slight + to Significant +
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	N
(d) Excess Animal Wastes & Other Organics	Not Applicable
(e) Excess Fertilizer	Slight + to Significant +
(f) Excess Pesticides	Slight + to Moderate +
Deposition	Not Applicable
(a) Damage: Onsite	
(b) Damage: Offsite	Not Applicable
(c) Safety: Onsite	Not Applicable
(d) Safety: Offsite	Not Applicable
	Not Applicable
Nater Resource Problem / Consideration	Effect
. Quantity	
(a) Excess Amounts: Seeps	Negligible to Slight -
(b) Excess Amounts: Runoff / Flooding	Slight +
(c) Excess Amounts: Subsurface Water	Slight +
(d) Inadequate Outlets	Negligible
(e) Water Management for Irrigated Land	Negligible
(f) Water Management for Non- Irrigated Land	Slight +
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible
Quality	7.09.19.0.0
Groundwater Contaminants	
(a) Pesticides	Negligible to Slight -
(b) Nutrients and Organics	Significant + to Slight -
(c) Salinity	Slight + to Moderate +
(d) Heavy Metals	Slight +
(e) Pathogens	Slight + to Moderate +
Surface Water Contaminants (Streams and Lakes)	Signt + to Moderate +
(g) Pesticides	Negligible
(h) Nutrients and Organics	Slight + to Significant +
(i) Suspended Sediment and Turbidity	
(j) Low Dissolved Oxygen	Slight + to Significant +
(k) Salinity	Slight + to Significant +
(I) Heavy Metals	Slight +
(m) Temperature	Slight +
(n) Pathogens	Negligible
(o) Aquatic Habitat Suitability	Moderate + to Significant + Slight + to Significant +
	SUGDI + to Significant :

#### Conservation Practice Physical Effects - Waste Storage Pond (425), page 2

Air Resource Problem / Consideration	Effect
1. Quality	to the transport of the second section of the section
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible
(g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible
(h) Airborne Chemical Drift: Onsite	Negligible
(i) Airborne Chemical Drift: Offsite	Negligible
(j) Airborne Odors	Slight -
2. Condition	·
(a) Air Temperature	Not Applicable
(b) Air Movement	Negligible
(c) Humidity	Not Applicable
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Moderate +
(b) Hayland and Pastureland	Slight + to Moderate +
(c) Rangeland	Slight + to Moderate +
(d) Seeded Rangeland	Slight + to Moderate +
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Significant +
(i) Plant Damage by Wind Erosion	Not Applicable
3. Management	, , , , , , , , , , , , , , , , , , ,
(a) Establishment, Growth, and Harvest	Slight + to Moderate +
(b) Nutrient Management	Slight + to Moderate +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Not Applicable
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Negligible
(b) Cover or Shelter	Negligible
(c) Quantity and Quality of Drinking Water	Slight + to Significant +
Wildlife	
(d) Food	Negligible
(e) Cover or Shelter	Negligible
(f) Quantity and Quality of Drinking Water	Slight + to Significant +
11	
<sup>2</sup> Management	
2. Management (a) Population / Resource Balance	Negligible

### Conservation Practice Physical Effects - Waste Storage Structure (313)

SOIL Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Not Applicable
(b) Wind	Not Applicable
(c) Concentrated Flow: Ephemeral Gully	Not Applicable
(d) Concentrated Flow: Classic Gully	Not Applicable
(e) Streambank	Not Applicable
(f) Irrigation Induced	Not Applicable
(g) Soil Mass Movement	Not Applicable
(h) Roadbanks and Construction Sites	Not Applicable
(i) Safety	Not Applicable
. Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Not Applicable
(b) Soil Compaction	Not Applicable
Soil Contaminants	(tot) phioabio
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Not Applicable
(d) Excess Animal Wastes & Other Organics	Not Applicable
(e) Excess Fertilizer	Not Applicable
(f) Excess Pesticides	Not Applicable
. Deposition	140t Applicable
(a) Damage: Onsite	Not Applicable
(b) Damage: Offsite	Not Applicable
(c) Safety: Onsite	Not Applicable
(d) Safety: Offsite	Not Applicable
Quantity (a) Excess Amounts: Seeps	Negligible to Slight
, ,	Negligible to Slight -
(b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water	Negligible
	Negligible
(d) Inadequate Outlets	Not Applicable
(e) Water Management for Irrigated Land	Not Applicable
(f) Water Management for Non- Irrigated Land	Not Applicable
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Not Applicable
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Not Applicable
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Not Applicable
. Quality	
Groundwater Contaminants	
(a) Pesticides	Negligible
(b) Nutrients and Organics	Slight + to Significant +
(c) Salinity	Negligible to Slight +
(d) Heavy Metals	Negligible to Slight +
(e) Pathogens	Negligible to Slight +
Surface Water Contaminants (Streams and Lakes)	
(g) Pesticides	Negligible
(h) Nutrients and Organics	Slight + to Significant +
(i) Suspended Sediment and Turbidity	Slight + to Significant +
(j) Low Dissolved Oxygen	Slight + to Significant +
(k) Salinity	Slight + to Significant +
(I) Heavy Metals	Slight + to Significant +
(m) Temperature	Not Applicable
(n) Pathogens	Slight + to Significant +
(o) Aquatic Habitat Suitability	

#### Conservation Practice Physical Effects - Waste Storage Structure (313), page 2

Air Resource Problem / Consideration	Effect
. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible
(g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible
(h) Airborne Chemical Drift: Onsite	Negligible
(i) Airborne Chemical Drift: Offsite	Negligible
(i) Airborne Odors	Slight -
2. Condition	Į.
(a) Air Temperature	Not Applicable
(b) Air Movement	Negligible
(c) Humidity	Not Applicable
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Moderate +
(b) Hayland and Pastureland	Slight + to Moderate +
(c) Rangeland	Slight + to Moderate +
(d) Seeded Rangeland	Slight + to Moderate +
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Moderate +
(i) Plant Damage by Wind Erosion	Not Applicable
3. Management	
(a) Establishment, Growth, and Harvest	Slight + to Moderate +
(b) Nutrient Management	Slight + to Moderate +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Not Applicable
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Negligible
(b) Cover or Shelter	Negligible
(c) Quantity and Quality of Drinking Water	Slight + to Significant +
Wildlife	
(d) Food	Negligible
(e) Cover or Shelter	Negligible
(f) Quantity and Quality of Drinking Water	Slight + to Significant +
2. Management	1
(a) Population / Resource Balance	Negligible
(b) Animal Health	Slight + to Moderate +

#### Conservation Practice Physical Effects - Waste Treatment Lagoon (359)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible
(b) Wind	Negligible
(c) Concentrated Flow: Ephemeral Gully	Negligible
(d) Concentrated Flow: Classic Gully	Negligible
(e) Streambank	Negligible
(f) Irrigation Induced	Negligible
(g) Soil Mass Movement	Negligible
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Negligible
Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Not Applicable
(b) Soil Compaction	Negligible
Soil Contaminants	regugible
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Slight + to Significant +
(d) Excess Animal Wastes & Other Organics	Not Applicable
(e) Excess Fertilizer	Not Applicable
(f) Excess Pesticides	Not Applicable
Deposition	140t Applicable
'	Not Applicable
(a) Damage: Onsite	Not Applicable
(b) Damage: Offsite	Not Applicable
(c) Safety: Onsite	Not Applicable
(d) Safety: Offsite	Not Applicable
Water Resource Problem / Consideration	Effect
1. Quantity	
(a) Excess Amounts: Seeps	Negligible to Slight -
(b) Excess Amounts: Runoff / Flooding	Negligible
(c) Excess Amounts: Subsurface Water	Negligible to Slight -
(d) Inadequate Outlets	Negligible
(e) Water Management for Irrigated Land	Negligible to Moderate +
(f) Water Management for Non- Irrigated Land	Negligible to Moderate +
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible
. Quality	
Groundwater Contaminants	
(a) Pesticides	Negligible
(b) Nutrients and Organics	Significant + to Slight -
(c) Salinity	Negligible to Slight +
(d) Heavy Metals	Negligible to Slight +
(e) Pathogens	Slight + to Moderate +
Surface Water Contaminants (Streams and Lakes)	Singific 1 to Moderate 1
(g) Pesticides	Negligible
, <del></del> ,	Slight + to Significant +
(h) Nutrients and Organics	-
(i) Suspended Sediment and Turbidity	Slight + to Significant +
(j) Low Dissolved Oxygen	Slight + to Significant +
(k) Salinity	Negligible to Slight +
(I) Heavy Metals	Negligible to Slight +
(m) Temperature	Not Applicable
(n) Pathogens	Moderate + to Significant +
(n) Fathogens (o) Aquatic Habitat Suitability	Slight + to Significant +

### Conservation Practice Physical Effects - Waste Treatment Lagoon (359), page 2

Air Resource Problem / Consideration	Effect
. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible
(h) Airborne Chemical Drift: Onsite	Not Applicable
(i) Airborne Chemical Drift: Offsite	Not Applicable
(i) Airborne Odors	Slight + to Significant +
2. Condition	
(a) Air Temperature	Not Applicable
(b) Air Movement	Not Applicable
(c) Humidity	Not Applicable
Plant Resource Problem / Consideration	Effect
1. Suitability	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Moderate +
(b) Hayland and Pastureland	Slight + to Moderate +
(c) Rangeland	Slight + to Moderate +
(d) Seeded Rangeland	Slight + to Moderate +
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Moderate +
(i) Plant Damage by Wind Erosion	Not Applicable
3. Management	
(a) Establishment, Growth, and Harvest	Slight + to Moderate +
(b) Nutrient Management	Slight + to Moderate +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Not Applicable
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Negligible
(b) Cover or Shelter	Negligible
(c) Quantity and Quality of Drinking Water	Slight + to Significant +
Wildlife	
(d) Food	Negligible
(e) Cover or Shelter	Negligible
(f) Quantity and Quality of Drinking Water	Slight + to Significant +
2. Management	
(a) Population / Resource Balance	Negligible
	Slight + to Moderate +

### Conservation Practice Physical Effects - Waste Utilization (633)

Soil Resource Problem / Consideration	Effect
I. Erosion	
(a) Sheet and Rill	Slight + to Moderate +
(b) Wind	Slight + to Moderate +
(c) Concentrated Flow: Ephemeral Gully	Negligible to Slight +
(d) Concentrated Flow: Classic Gully	Negligible
(e) Streambank	Not Applicable
(f) Irrigation Induced	Not Applicable
(g) Soil Mass Movement	Negligible
(h) Roadbanks and Construction Sites	Slight + to Moderate +
(i) Safety	Not Applicable
2. Condition	110t / ppiloubio
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight + to Significant +
(b) Soil Compaction	Negligible to Slight +
, ,	Negligible to Slight +
Soil Contaminants	Negliaible to Moderate
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible to Moderate +
(d) Excess Animal Wastes & Other Organics	Slight + to Significant +
(e) Excess Fertilizer	Moderate +
(f) Excess Pesticides	Negligible to Slight +
3. Deposition	
(a) Damage: Onsite	Slight + to Moderate +
(b) Damage: Offsite	Slight +
(c) Safety: Onsite	Slight +
(d) Safety: Offsite	Slight +
1. Quantity (a) Excess Amounts: Seeps	Negligible to Slight +
(b) Excess Amounts: Runoff / Flooding	Slight +
(c) Excess Amounts: Subsurface Water	Negligible
(d) inadequate Outlets	Negligible
(e) Water Management for Irrigated Land	Negligible
(f) Water Management for Non- Irrigated Land	Slight +
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight +
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Slight +
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Slight +
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Slight +
(b) Nutrients and Organics	Slight +
(c) Salinity	Slight +
(d) Heavy Metals	Slight + to Moderate +
(e) Pathogens	Slight + to Significant +
Surface Water Contaminants (Streams and Lakes)	
(g) Pesticides	Slight + to Moderate +
(h) Nutrients and Organics	Slight + to Significant +
(i) Suspended Sediment and Turbidity	Slight + to Significant +
(i) Low Dissolved Oxygen	Slight + to Moderate +
(k) Salinity	Slight + to Moderate +
(n) Sammy	Slight + to Moderate +
(I) Heavy Metals	g
(I) Heavy Metals	Negligible
(m) Temperature	Negligible Slight + to Significant +
i i i i i i i i i i i i i i i i i i i	Negligible Slight + to Significant + Slight + to Significant +

## Conservation Practice Physical Effects - Waste Utilization (633), page 2

ir Resource Problem / Consideration	Effect
Quality	N11-16-16
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible Negligible Negligible Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	
(h) Airborne Chemical Drift: Onsite	
(i) Airborne Chemical Drift: Offsite	Negligible
(j) Airborne Odors	Negligible to Significant +
2. Condition	1
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
I. Suitability	
(a) Plants are not well adapted to site	Slight + to Moderate +
(b) Plants are unsuitable for intended use	Negligible
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Significant +
(b) Hayland and Pastureland	Slight + to Significant +
(c) Rangeland	Slight + to Significant +
(d) Seeded Rangeland	Slight + to Significant +
(e) Annual Rangeland	Not Applicable
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Significant +
(i) Plant Damage by Wind Erosion	Slight +
3. Management	
(a) Establishment, Growth, and Harvest	Slight + to Significant +
(b) Nutrient Management	Significant +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight + to Slight -
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	011-14 . 1- 0115
(a) Food	Slight + to Significant +
(b) Cover or Shelter	Moderate + to Moderate -
(c) Quantity and Quality of Drinking Water	Slight + to Significant +
Wildlife	Climbe : 45 Climbe
(d) Food	Slight + to Slight -
(e) Cover or Shelter	Moderate + to Moderate
(f) Quantity and Quality of Drinking Water	Slight + to Significant +
2. Management	
(a) Population / Resource Balance	Slight + to Moderate +
V-3. 1 1	Moderate + to Moderate

## Conservation Practice Physical Effects - Water & Sediment Control Basin (638)

Soil Resource Problem / Consideration	Effect
1. Erosion	<del></del>
(a) Sheet and Rill	Negligible
(b) Wind	Negligible
(c) Concentrated Flow: Ephemeral Gully	Significant +
(d) Concentrated Flow: Classic Gully	Moderate + to Significant +
(e) Streambank	Negligible
(f) Irrigation Induced	Not Applicable
(g) Soil Mass Movement	Slight -
(h) Roadbanks and Construction Sites	Significant +
(i) Safety	Not Applicable
. Condition	• •
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight - to Significant -
(b) Soil Compaction	Slight -
Soil Contaminants	- 0
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	Negligible
Deposition	
(a) Damage: Onsite	Significant +
(b) Damage: Offsite	Moderate + to Significant +
(c) Safety: Onsite	Slight +
(d) Safety: Offsite	Moderate + to Significant +
Vater Resource Problem / Consideration	Effect
. Quantity	<b>a</b>
(a) Excess Amounts: Seeps	Slight -
(b) Excess Amounts: Runoff / Flooding	Moderate +
(c) Excess Amounts: Subsurface Water	Slight -
(d) Inadequate Outlets	Moderate + to Significant +
(e) Water Management for Irrigated Land	Negligible
(f) Water Management for Non- Irrigated Land	Slight +
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Significant -
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Significant +
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Moderate + to Significant +
. Quality	
Groundwater Contaminants	
(a) Pesticides	Slight - to Moderate -
(b) Nutrients and Organics	Moderate -
(c) Salinity	Slight -
(d) Heavy Metals	Negligible
(e) Pathogens	Negligible
Surface Water Contaminants (Streams and Lakes)	
(g) Pesticides .	Slight + to Significant +
(h) Nutrients and Organics	Slight + to Significant +
(i) Suspended Sediment and Turbidity	Significant +
(j) Low Dissolved Oxygen	Slight + to Significant +
(k) Salinity	Slight +
(I) Heavy Metals	Negligible to Significant +
17	Negligible
(m) Temperature	
(m) Temperature (n) Pathogens	Negligible

#### Conservation Practice Physical Effects - Water & Sediment Control Basin (638), page 2

Air Resource Problem / Consideration	Effect
. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible Negligible Negligible Negligible
(g) Airborne Sediment Particulates Causing Conveyance Problems	
(h) Airborne Chemical Drift: Onsite	
(i) Airborne Chemical Drift: Offsite	
(i) Arborne Odors	Negligible
•/	rtogngisio
2. Condition	Negligible
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	
Plant Resource Problem / Consideration	Effect
1. Suitability	N-4 A111-1-
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Not Applicable
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Negligible
(b) Hayland and Pastureland	Negligible
(c) Rangeland	Negligible
(d) Seeded Rangeland	Negligible
(e) Annual Rangeland	Not Applicable
(f) Forestland	Negligible
(g) Other Land (Wildlife, Recreation, etc.)	Negligible
(h) Health and Vigor	Negligible
(i) Plant Damage by Wind Erosion	Not Applicable
	, , , , , , , , , , , , , , , , , , ,
3. Management	Negligible
(a) Establishment, Growth, and Harvest	Negligible
(b) Nutrient Management	Negligible
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Effect
Animal Resource Problem / Consideration	
1. Habitat	
Domestic Animals	Slight + to Moderate +
(a) Food	Slight +
(b) Cover or Shelter	Negligible to Slight +
(c) Quantity and Quality of Drinking Water	, regulation to disgrit
Wildlife	Slight + to Moderate +
(d) Food	
(e) Cover or Shelter	Slight +
(f) Quantity and Quality of Drinking Water	Negligible to Slight +
2. Management	Nastaible
(a) Population / Resource Balance	Negligible
(b) Animal Health	Negligible

### Conservation Practice Physical Effects - Waterspreading (640)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible
(b) Wind	Negligible
(c) Concentrated Flow: Ephemeral Gully	Negligible
(d) Concentrated Flow: Classic Gully	Negligible
(e) Streambank	Negligible
(f) Irrigation Induced	Slight - to Slight +
(g) Soil Mass Movement	Negligible
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Negligible
2. Condition	3 3
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight - to Slight +
(b) Soil Compaction	Slight - to Slight +
Soil Contaminants	ongin to ongin
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Petitides	Negligible
``	raegiigibie
3. Deposition	Negligible
(a) Damage: Onsite	Negligible
(b) Damage: Offsite	
(c) Safety: Onsite (d) Safety: Offsite	Negligible Negligible
Water Resource Problem / Consideration	Effect
1. Quantity	Olimba
Quantity     (a) Excess Amounts: Seeps	Slight -
Quantity     (a) Excess Amounts: Seeps     (b) Excess Amounts: Runoff / Flooding	Slight - to Slight +
I. Quantity (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water	Slight - to Slight + Negligible
I. Quantity (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets	Slight - to Slight + Negligible Negligible
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land	Slight - to Slight + Negligible Negligible Slight + to Significant +
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non-Irrigated Land	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant +
Quantity     (a) Excess Amounts: Seeps     (b) Excess Amounts: Runoff / Flooding     (c) Excess Amounts: Subsurface Water     (d) Inadequate Outlets     (e) Water Management for Irrigated Land     (f) Water Management for Non-Irrigated Land     (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
i. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible Negligible
i. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible Negligible
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible Negligible Negligible Negligible Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible Negligible Negligible
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible Negligible Negligible Negligible Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible Negligible Negligible Negligible Negligible Negligible Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible Negligible Negligible Negligible Negligible Negligible Negligible Negligible Negligible
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non-Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes)	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
I. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
1. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non-Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible
1. Quantity  (a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding (c) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity	Slight - to Slight + Negligible Negligible Slight + to Significant + Slight + to Significant + Negligible

### Conservation Practice Physical Effects - Waterspreading (640), page 2

Air Resource Problem / Consideration	Effect
I. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible
(g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible
(h) Airborne Chemical Drift: Onsite	Negligible
(i) Airborne Chemical Drift: Offsite	Negligible
(i) Airborne Odors	Negligible
2. Condition	i vegiigibie
	N111-16-1-
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Negligible
(b) Plants are unsuitable for intended use	Negligible
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Slight + to Moderate +
(b) Hayland and Pastureland	Slight + to Moderate +
(c) Rangeland	Slight + to Moderate +
(d) Seeded Rangeland	Slight + to Moderate +
(e) Annual Rangeland	Not Applicable
• • •	, ,
(f) Forestland	Negligible
(g) Other Land (Wildlife, Recreation, etc.)	Negligible
(h) Health and Vigor	Slight + to Moderate +
(i) Plant Damage by Wind Erosion	Negligible
3. Management	
(a) Establishment, Growth, and Harvest	Slight + to Moderate +
(b) Nutrient Management	Negligible
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Negligible
Animal Resource Problem / Consideration	Effect
I. Habitat	
Domestic Animals	
(a) Food	Negligible
(b) Cover or Shelter	Negligible
(c) Quantity and Quality of Drinking Water	Negligible to Slight +
Wildlife	. reginglists to ong. re
(d) Food	Negligible
(e) Cover or Shelter	
	Negligible
(f) Quantity and Quality of Drinking Water	Negligible to Slight +
2. Management	
(a) Population / Resource Balance	Negligible
(b) Animal Health	Negligible

### Conservation Practice Physical Effects - Well (642)

Soil Resource Problem / Consideration	Effect
I. Erosion	
(a) Sheet and Rill	Significant + to Significant -
(b) Wind	Significant + to Significant -
(c) Concentrated Flow: Ephemeral Gully	Significant + to Significant -
(d) Concentrated Flow: Classic Gully	Negligible
(e) Streambank	Negligible
(f) Irrigation Induced	Negligible to Slight -
(g) Soil Mass Movement	Negligible to Slight -
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Not Applicable
. Condition	•••
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Negligible to Moderate +
(b) Soil Compaction	Negligible
Soil Contaminants	3.0
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Significant + to Significant -
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	Negligible
. Deposition	
(a) Damage: Onsite	Negligible
(b) Damage: Offsite	Negligible
(c) Safety: Onsite	Negligible
(d) Safety: Offsite	Negligible
Quantity	
(a) Excess Amounts: Seeps	Negligible to Significant -
(b) Excess Amounts: Runoff / Flooding	Negligible
(c) Excess Amounts: Subsurface Water	Negligible to Significant -
(d) Inadequate Outlets	Negligible to Moderate -
(e) Water Management for Irrigated Land	
(-)	Significant +
(f) Water Management for Non- Irrigated Land	Not Applicable
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Not Applicable
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Not Applicable Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Not Applicable Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Not Applicable Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes Quality	Not Applicable Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Couality  Groundwater Contaminants	Not Applicable Negligible Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality Groundwater Contaminants  (a) Pesticides	Not Applicable Negligible Negligible Negligible Negligible to Slight -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics	Not Applicable Negligible Negligible Negligible Negligible Negligible to Slight - Negligible to Slight -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  . Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity	Not Applicable Negligible Negligible Negligible Negligible Negligible to Slight - Negligible to Slight - Negligible to Slight -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals	Not Applicable Negligible Negligible Negligible Negligible Negligible to Slight -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens	Not Applicable Negligible Negligible Negligible Negligible Negligible to Slight -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes)	Not Applicable Negligible Negligible Negligible Negligible to Slight -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides	Not Applicable Negligible Negligible Negligible Negligible to Slight -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Not Applicable Negligible Negligible Negligible Negligible to Slight - Negligible to Significant - Negligible to Significant -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Not Applicable Negligible Negligible Negligible Negligible to Slight - Negligible to Significant - Negligible to Significant - Negligible to Significant - Negligible to Significant -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Not Applicable Negligible Negligible Negligible Negligible Office Negligible to Slight - Negligible to Sight - Negligible to Sight - Negligible to Significant - Negligible to Significant - Negligible to Significant - Negligible to Significant -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes (2) Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity	Not Applicable Negligible Negligible Negligible Negligible to Slight - Negligible to Significant -
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes (2) Quality (3) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens (9) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals	Not Applicable Negligible Negligible Negligible Negligible to Slight - Negligible to Significant -

# Conservation Practice Physical Effects - Well (642), page 2

1. Quality		
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Slight +	
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Moderate + to Significant +	
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite		
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Moderate + to Significant + Negligible	
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite		
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Slight + Slight +	
(g) Airborne Sediment Particulates Causing Conveyance Problems		
(h) Airborne Chemical Drift: Onsite	Slight + Slight +	
(i) Airborne Chemical Drift: Offsite	-	
(i) Airborne Odors	Slight +	
2. Condition	Significant + to Moderate -	
(a) Air Temperature	Climbs , an Mandausta .	
(b) Air Movement	Slight + to Moderate + Slight + to Moderate +	
(c) Humidity	Moderate +	
Plant Resource Problem / Consideration		
	Effect	
I. Suitability		
(a) Plants are not well adapted to site	Negligible to Significant +	
(b) Plants are unsuitable for intended use	Not Applicable	
2. Condition		
Productivity (Kinds, Amounts, & Distribution)		
(a) Cropland	Moderate + to Significant +	
(b) Hayland and Pastureland	Moderate + to Significant +	
(c) Rangeland	Not Applicable	
(d) Seeded Rangeland	Not Applicable	
(e) Annual Rangeland	Not Applicable	
(f) Forestland	Not Applicable	
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable	
(h) Health and Vigor	Moderate + to Significant +	
(i) Plant Damage by Wind Erosion	Moderate + to Significant +	
. Management	J	
(a) Establishment, Growth, and Harvest	Negligible to Significant +	
(b) Nutrient Management	Negligible to Significant +	
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Negligible to Slight +	
Animal Resource Problem / Consideration	Effect	
. Habitat		
Domestic Animals		
(a) Food	Negligible to Significant +	
(b) Cover or Shelter	Negligible to Significant +	
(c) Quantity and Quality of Drinking Water	Negligible to Slight +	
Wildlife	and the second of	
(d) Food	Negligible to Significant +	
(e) Cover or Shelter	Negligible to Significant +	
(f) Quantity and Quality of Drinking Water	Negligible to Slight +	
Management	giigibie to Oligitt	
(a) Population / Resource Balance	Negligible to Significant +	
(b) Animal Health	· · - a · · Biroin in OiBiriinnedilli i	

# Conservation Practice Physical Effects - Wildlife Upland Habitat Mgt. (645)

Soil Resource Problem / Consideration	Effect
1. Erosion	1
(a) Sheet and Rill	Slight + to Significant +
(b) Wind	Slight + to Significant +
(c) Concentrated Flow: Ephemeral Guily	Negligible to Significant +
(d) Concentrated Flow: Classic Gully	Negligible to Significant +
(e) Streambank	Negligible to Significant +
(f) Irrigation Induced	,
(g) Soil Mass Movement	Slight + to Significant +
(h) Roadbanks and Construction Sites	Negligible to Slight +
(i) Safety	Negligible to Slight +
2. Condition	Not Applicable
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Madanta Lia O'Luig
(b) Soil Compaction	Moderate + to Significant +
Soil Contaminants	Moderate + to Significant +
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	
(d) Excess Animal Wastes & Other Organics	Negligible to Slight +
(e) Excess Fertilizer	Slight + to Significant +
(f) Excess Pesticides	Slight + to Significant +
3. Deposition	Moderate + to Significant +
(a) Damage: Onsite	
(b) Damage: Offsite	Slight + to Significant +
(c) Safety: Onsite	Slight + to Moderate +
	Slight +
(d) Safety: Offsite	Slight + to Moderate +
. Quantity (a) Excess Amounts: Seeps	011.1.
(b) Excess Amounts: Runoff / Flooding	Slight + to Slight -
(c) Excess Amounts: Subsurface Water	Slight + to Moderate +
(d) Inadequate Outlets	Slight + to Moderate +
	Not Applicable
(e) Water Management for Irrigated Land	Not Applicable
(f) Water Management for Non- Irrigated Land	Negligible to Significant +
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight + to Significant +
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Slight + to Moderate +
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Slight + to Moderate +
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Negligible to Moderate +
(b) Nutrients and Organics	Negligible to Moderate +
(c) Salinity	Negligible to Slight +
(d) Heavy Metals	Negligible to Slight +
(e) Pathogens	Negligible to Slight +
Surface Water Contaminants (Streams and Lakes)	
(g) Pesticides	Moderate + to Significant +
(h) Nutrients and Organics	Moderate + to Significant +
(i) Suspended Sediment and Turbidity	Moderate + to Significant +
(j) Low Dissolved Oxygen	Moderate + to Significant +
(k) Salinity	Moderate + to Significant +
(I) Heavy Metals	Slight + to Moderate +
(m) Temperature	Significant +
(n) Pathogens	Slight +
\	

#### Conservation Practice Physical Effects - Wildlife Upland Habitat Mgt. (645), page 2

Air Resource Problem / Consideration	Effect
1. Quality	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Slight +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Slight + to Significant +
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Slight + to Significant +
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Slight + Slight +
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	Slight +
(h) Airborne Chemical Drift: Onsite	Slight +
(i) Airborne Chemical Drift: Offsite	Slight +
(i) Airborne Odors	Negligible to Significant +
. Condition	
(a) Air Temperature	Slight + to Moderate +
(b) Air Movement	Slight + to Significant +
(c) Humidity	Slight + to Moderate +
Plant Resource Problem / Consideration	Effect
. Suitability	
(a) Plants are not well adapted to site	Moderate + to Significant +
(b) Plants are unsuitable for intended use	Negligible to Significant +
2. Condition	· ·
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Negligible to Significant +
(b) Hayland and Pastureland	Negligible to Significant +
(c) Rangeland	Negligible to Significant +
(d) Seeded Rangeland	Negligible to Significant +
(e) Annual Rangeland	Not Applicable
(f) Forestland	Negligible to Significant +
(g) Other Land (Wildlife, Recreation, etc.)	Negligible to Significant +
(h) Health and Vigor	Negligible to Significant +
(i) Plant Damage by Wind Erosion	Slight +
3. Management	
(a) Establishment, Growth, and Harvest	Slight + to Significant +
(b) Nutrient Management	Moderate + to Significant +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Moderate + to Significant +
Animal Resource Problem / Consideration	Effect
. Habitat	
Domestic Animals	
(a) Food	Significant +
(b) Cover or Shelter	Significant +
(c) Quantity and Quality of Drinking Water	Negligible to Slight +
Wildlife	
(d) Food	Significant +
(e) Cover or Shelter	Significant +
(f) Quantity and Quality of Drinking Water	Negligible to Slight +
2. Management	
	1
(a) Population / Resource Balance	Slight + to Significant +

# Conservation Practice Physical Effects - Wildlife Wetland Hab. Mgt. (644)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Slight + to Significant +
(b) Wind	Slight + to Significant +
(c) Concentrated Flow: Ephemeral Gully	Slight + to Significant +
(d) Concentrated Flow: Classic Gully	Negligible
(e) Streambank	Slight + to Significant +
(f) Irrigation Induced	Slight + to Significant +
(g) Soil Mass Movement	
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Negligible
2. Condition	Not Applicable
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Cination at
(b) Soil Compaction	Significant +
Soil Contaminants	Significant +
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	
(d) Excess Animal Wastes & Other Organics	Moderate + to Significant +
(e) Excess Fertilizer	Moderate + to Significant +
(f) Excess Pesticides	Moderate + to Significant +
(i) Excess resticities 3. Deposition	Moderate + to Significant +
(a) Damage: Onsite	
(b) Damage: Offsite	Slight + to Significant +
(c) Safety: Onsite	Negligible to Significant +
(d) Safety: Offsite	Negligible to Slight + Negligible to Significant +
Vater Resource Problem / Consideration	Effect
. Quantity	
(a) Excess Amounts: Seeps	Significant + to Significant -
(b) Excess Amounts: Runoff / Flooding	Slight + to Moderate +
(c) Excess Amounts: Subsurface Water	Negligible to Moderate -
(d) Inadequate Outlets	Slight + to Moderate +
(e) Water Management for Irrigated Land	Slight - to Moderate -
(f) Water Management for Non- Irrigated Land	Slight + to Significant +
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight + to Significant +
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Slight + to Moderate +
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Slight + to Moderate +
. Quality	_
Groundwater Contaminants	
(a) Pesticides	Moderate + to Significant -
(b) Nutrients and Organics	Moderate + to Significant -
(c) Salinity	Moderate + to Significant -
(d) Heavy Metals	Slight + to Significant -
(e) Pathogens	Negligible to Significant +
Surface Water Contaminants (Streams and Lakes)	rioging is to digitificating
(g) Pesticides	Moderate + to Significant +
(h) Nutrients and Organics	Moderate + to Significant +
(i) Suspended Sediment and Turbidity	Moderate + to Significant +
(j) Low Dissolved Oxygen	Moderate + to Significant +
(k) Salinity	•
(I) Heavy Metals	Moderate + to Significant +
(m) Temperature	Moderate + to Significant +
(n) Pathogens	Moderate + to Significant +
1, 1	Slight + to Moderate +
(o) Aquatic Habitat Suitability	Moderate + to Significant +

#### Conservation Practice Physical Effects - Wildlife Wetland Hab. Mgt. (644), page 2

Air Resource Problem / Consideration	Effect
1. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Slight +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Moderate + to Significant +
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Moderate + to Significant +
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Slight + Slight + Slight + Slight +
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	
(h) Airborne Chemical Drift: Onsite	
(i) Airborne Chemical Drift: Offsite	Slight +
(j) Airborne Odors	Negligible to Significant +
2. Condition	
(a) Air Temperature	Slight + to Moderate +
(b) Air Movement	Slight + to Moderate +
(c) Humidity	Moderate +
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Moderate + to Significant +
(b) Plants are unsuitable for intended use	Moderate + to Significant +
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Moderate - to Significant -
(b) Hayland and Pastureland	Moderate - to Significant -
(c) Rangeland	Moderate - to Significant -
(d) Seeded Rangeland	Moderate - to Significant -
(e) Annual Rangeland	Not Applicable
(f) Forestland	Moderate - to Significant -
(g) Other Land (Wildlife, Recreation, etc.)	Significant + to Moderate -
(h) Health and Vigor	Moderate + to Significant +
(i) Plant Damage by Wind Erosion	Slight +
3. Management	
(a) Establishment, Growth, and Harvest	Moderate - to Significant -
(b) Nutrient Management	Not Applicable
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Moderate + to Significant +
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	0
(a) Food	Significant +
(b) Cover or Shelter	Significant +
(c) Quantity and Quality of Drinking Water Wildlife	Slight + to Significant +
(d) Food	Significant +
(e) Cover or Shelter	Significant +
(f) Quantity and Quality of Drinking Water	Slight + to Significant +
2. Management	
(a) Population / Resource Balance	Slight + to Significant +
(-/·//	Significant + to Significant -

## Conservation Practice Physical Effects - Windbreak Renovation (650)

	Effect
1. Erosion	
(a) Sheet and Rill	Negligible
(b) Wind	Significant +
(c) Concentrated Flow: Ephemeral Gully	Negligible
(d) Concentrated Flow: Classic Gully	Not Applicable
(e) Streambank	Not Applicable
(f) Irrigation Induced	Negligible to Slight -
(g) Soil Mass Movement	Not Applicable
(h) Roadbanks and Construction Sites	Not Applicable
(i) Safety	Negligible
2. Condition	3.3.2.
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Slight + to Significant +
(b) Soil Compaction	Negligible
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible
(d) Excess Animal Wastes & Other Organics	Negligible
(e) Excess Fertilizer	Negligible
(f) Excess Pesticides	Negligible
3. Deposition	1.53.5.01
(a) Damage: Onsite	Slight + to Moderate +
(b) Damage: Offsite	Slight + to Moderate +
(c) Safety: Onsite	Slight + to Moderate +
(d) Safety: Offsite	Slight + to Moderate +
(a) Excess Amounts: Seeps (b) Excess Amounts: Runoff / Flooding	Negligible to Significant -
(b) Excess Amounts: Runoff / Flooding	Negligible to Significant +
(c) Excess Amounts: Subsurface Water	Negligible to Significant +
(d) Inadequate Outlets	Slight +
(e) Water Management for Irrigated Land	Not Applicable
(e) Water Management for Irrigated Land (f) Water Management for Non- Irrigated Land	•
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Not Applicable
(f) Water Management for Non- Irrigated Land	Not Applicable Significant +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Not Applicable Significant + Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) <u>Restricted Capacity From Sediment Deposition in Small Water Conveyance</u> : Onsite (h) <u>Restricted Capacity From Sediment Deposition in Small Water Conveyance</u> : Offsite (i) <u>Restricted Capacity For Sediment Deposition</u> : Water Bodies, Streams, Lakes . Quality	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate +
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes . Quality Groundwater Contaminants  (a) Pesticides	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes 2. Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Couality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible Negligible Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible Negligible Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes)	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible Negligible Negligible Negligible Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes (Ouality Groundwater Contaminants  (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible Negligible Negligible Negligible Negligible Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible Negligible Negligible Negligible Negligible Negligible Negligible Negligible Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Not Applicable Significant + Siight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes (a) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes (c) Cuality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible
(f) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes Couality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals	Not Applicable Significant + Slight + to Moderate + Slight + to Moderate + Slight + to Moderate + Negligible

#### Conservation Practice Physical Effects - Woodland Improvement (666), page 2

1. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Slight +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible to Slight -
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible to Slight -
(g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible to Slight +
(h) Airborne Chemical Drift: Onsite	Negligible
(i) Airborne Chemical Drift: Offsite	Negligible
(j) Airborne Odors	Negligible to Significant +
2. Condition	
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Slight + to Significant +
(b) Plants are unsuitable for intended use	Moderate + to Significant +
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Not Applicable
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Moderate + to Significant +
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Moderate + to Significant +
(i) Plant Damage by Wind Erosion	Negligible to Slight -
3. Management	regingible to digit.
(a) Establishment, Growth, and Harvest	Slight + to Significant +
(b) Nutrient Management	Slight + to Significant +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight + to Significant +
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	Significant + to Significant -
(a) Food	Significant + to Significant -
(b) Cover or Shelter	Negligible
(c) Quantity and Quality of Drinking Water	izeđiiđinie
Wildlife	Cignificant + to Cignificant
(d) Food	Significant + to Significant -
(e) Cover or Shelter	Significant + to Significant -
(f) Quantity and Quality of Drinking Water	Negligible
2. Management	0::
(a) Population / Resource Balance	Significant + to Significant -
(b) Animal Health	Significant + to Significant -

# Conservation Practice Physical Effects - Woodland Direct Seeding (652)

(a) Sheet and Rill (b) Wind (c) Concentrated Flow: Ephemeral Guily (d) Concentrated Flow: Classic Gully (e) Streambank (f) Irrigation Induced (g) Soil Mass Movement (h) Roadbanks and Construction Sites (i) Safety Condition (a) Soil Tith, Crusting, Water Infiltration, Organic Material (b) Soil Compaction Soil Contaminants (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (d) Excess Animal Wastes & Other Organics (e) Excess Fertilizer (f) Excess Pesticides Deposition (a) Damage: Orfsite (b) Damage: Offsite (c) Safety: Onsite (d) Safety: Offsite (d) Safety: Offsite (d) Safety: Offsite (e) Excess Amounts: Seeps (b) Excess Amounts: Seeps (b) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Non-Irrigated Land (f) Water Management for Non-Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (h) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes  Slight + to Significant + Negligible to Slight - Negl	Soil Resource Problem / Consideration	Effect
(b) Mind (c) Concentrated Flow: Ephemeral Guilly (d) Concentrated Flow: Classic Guilly (e) Streambank (f) Irrigation Induced (g) Soil Mass Movement (h) Raddanks and Construction Sites (a) Safety (c) Condition (a) Soil Tith, Crusting, Water Infiltration, Organic Material (b) Soil Compaction (a) Soil Compaction (b) Soil Compaction (c) Excess Animal Wastes & Other Organics (e) Excess Animal Wastes & Other Organics (e) Excess Festicides (e) Excess Festicides (e) Excess Festicides (e) Excess Festicides (e) Safety: Offsite (c) Safety: Offsite (c) Safety: Offsite (e) Excess Amounts: Subsurface Water (a) Excess Amounts: Subsurface Water (b) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (e) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (e) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (e) Pathogens (e) Safinity (e) Heavy Metals (	1. Erosion	The second secon
(b) Wind (c) Concentrated Flow: Ephemeral Guily (d) Concentrated Flow: Classic Guily (e) Streambank (f) Irrigation Induced (g) Soil Mass Movement (f) Pacadeanks and Construction Sites (g) Safety Condition (a) Soil Tith, Crusting, Water Inflitration, Organic Material (b) Soil Compaction Soil Contaminants (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (d) Excess Arimal Wastes & Other Organics (e) Excess Festicides (e) Excess Festicides (f) Excess Festicides (g) Barnage: Offsite (c) Safety: Onsite (d) Safety: Offsite (e) Safety: Offsite (f) Safety: Offsite (g) Excess Amounts: Subsurface Water (d) Safety: Offsite (e) Excess Amounts: Subsurface Water (f) Excess Amounts: Subsurface Water (g) Excess Amounts: Subsurface Water (g) Excess Amounts: Subsurface Water (g) Hastricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Bastricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens (e) Salinity (f) Heavy Metals (h) Nutrients and Organics (h) Nutrients and Organics (h) Nutrients and Organics (h) Suspended Sediment and Turbidity (h) Heavy Metals (m) Pemperature (n) Pathogens	(a) Sheet and Rill	Slight + to Significant +
(d) Concentrated Flow: Classic Gully  (e) Streambank (f) Irrigation Induced (g) Soil Mass Movement (h) Roadbanks and Construction Sites (i) Safety Condition (a) Soil Tith, Crusting, Water Infiltration, Organic Material (b) Soil Compaction Soil Contaminants (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (d) Excess Animal Wastes & Other Organics (e) Excess Fertilizer (e) Excess Fertilizer (f) Excess Pesticides (e) Excess Fertilizer (e) Excess Fertilizer (f) Excess Pesticides (g) Excess Amounts: Seeps (g) Excess A	(b) Wind	
(d) Concentrated Flow: Classic Gully (e) Streambank (f) Irrigation Induced (g) Soil Mass Movement (h) Roadbank and Construction Sites (i) Safety Condition (a) Soil Titht, Crusting, Water Infiltration, Organic Material (b) Soil Compaction Soil Contaminants (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (d) Excess Animal Wastes & Other Organics (e) Excess Fertilizer (f) Excess Pesticides Ceposition (a) Damage: Onsite (b) Damage: Onsite (c) Safety: Onsite (d) Safety: Onsite (e) Safety: Onsite (d) Safety: Onsite (e) Safety: Onsite (e) Safety: Onsite (f) Safety: Onsite (g) Safety: Onsite (h) Safety: Offsite (g) Excess Amounts: Seeps (h) Excess Amounts: Seeps (h) Excess Amounts: Seeps (h) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Irrigated Land (f) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite (h) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes Ouality Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  Variange Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (i) Low Dissolved Oxygen (iv) Salinity (ii) Heavy Metals (iii) Heaty Metals (iii) Heavy Metals (iiii) Heavy Metals (ii	(c) Concentrated Flow: Ephemeral Gully	_
(e) Streambank (f) Irrigation induced (g) Soil Mass Movement (h) Roadbanks and Construction Sites (i) Safety Condition (a) Soil Titth, Crusting, Water Infiltration, Organic Material (b) Soil Compaction Soil Contaminants (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (d) Excess Partilizer (f) Excess Partilizer (g) Excess Fartilizer (g) Excess Partilizer (g) Safety: Orisite (g) Safety: Orisite (g) Safety: Orisite (g) Safety: Offsite  Vater Resource Problem / Consideration  Fiffect  Quantity (a) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Non-Irrigated Land (f) Water Management for Non-Irrigated Land (f) Water Management for Non-Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (g) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes  Quality  Groundwater Contaminants (a) Pesticides (b) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens  (g) Pesticides (h) Nutrients and Organics (c) Salinity (l) Low Dissolved Oxygen (k) Salinity (l) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens  Negligible	(d) Concentrated Flow: Classic Gully	_
(f) Irrigation Induced (g) Soil Mass Movement (h) Roadbanks and Construction Sites (l) Sairty (Condition (a) Soil Tith, Crusting, Water Infiltration, Organic Material (b) Soil Compaction (b) Soil Compaction (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (d) Excess Animal Wastes & Other Organics (e) Excess Partilizer (f) Safety: Offsite (f) Excess Amounts: Seps (f) Excess Amounts: Subsurface Water (f) Indedquate Outlets (g) Excess Amounts: Subsurface Water (f) Indedquate Outlets (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (f) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (f) Restricted Capacity From Sediment Deposition: Water Bodies, Streams, Lakes Outlity (g) Heavy Metals (e) Parthogens (f) Nutrients and Organics (c) Salinity (f) Heavy Metals (h) Suspended Sediment and Turbidity (f) Lew Dissolved Oxygen (k) Salinity (h) Heavy Metals (m) Temperature (n) Pathogens (h) Pathogens (h) Regligible	(e) Streambank	. •
(g) Soil Mass Movement (h) Roadbanks and Construction Sites (i) Safety Condition (a) Soil Tith, Crusting, Water Infiltration, Organic Material (b) Soil Compaction Soil Contaminants (c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals (d) Excess Armial Wastes & Other Organics (e) Excess Fertilizer (f) Excess Pesticides Deposition (a) Damage: Onsite (b) Damage: Orisite (c) Safety: Orisite (c) Safety: Orisite (d) Excess Amounts: Subsurface Water (d) Excess Amounts: Subsurface Water (d) Safety: Orisite (e) Excess Amounts: Subsurface Water (d) Inadequate Outlets (e) Water Management for Non- Irrigated Land (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite (g) Pasticides (g) Nutrients and Organics (g) Pesticides (h) Nutrients and Organics (c) Salinity (d) Heavy Metals (e) Pathogens (g) Pesticides (h) Nutrients and Organics (c) Suspended Sediment and Turbidity (f) Low Dissolved Oxygen (k) Salinity (h) Heavy Metals (m) Temperature (n) Pathogens  Siight + to Significant + Negligible to Slight + Negligible	(f) Irrigation Induced	_
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(h) Nutrients and Organics (i) Suspended Sediment and Turbidity (i) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens Negligible Negligible Negligible Negligible		Negligible
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(i) Low Dissolved Oxygen  (k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens  Negligible Negligible Negligible Negligible	• • • • • • • • • • • • • • • • • • • •	
(k) Salinity (l) Heavy Metals (m) Temperature (n) Pathogens  Negligible Negligible Negligible	• • • • • • • • • • • • • • • • • • • •	
(I) Heavy Metals (m) Temperature (n) Pathogens Negligible Negligible	=:	
(m) Temperature Negligible (n) Pathogens Negligible		
(n) Pathogens Negligible	The state of the s	
	' ' '	
(e) require reading of the Moderate +	, , , =	
	(9) Aquatic Habitat Sultability	Negligible to Moderate +

Air Resource Problem / Consideration	Effect
Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Moderate + to Significant +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Slight + to Moderate +
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Slight + to Moderate +
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Slight + to Moderate +
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Slight + to Moderate + Slight + to Moderate +
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	Slight +
(h) Airborne Chemical Drift: Onsite	Negligible
(i) Airborne Chemical Drift: Offsite	Negligible
(i) Airborne Odors	Negligible
2. Condition	
	Moderate + to Moderate -
(a) Air Temperature	Slight + to Moderate +
(b) Air Movement	Slight + to Moderate +
(c) Humidity	
Plant Resource Problem / Consideration	Effect
1. Suitability	0::
(a) Plants are not well adapted to site	Significant +
(b) Plants are unsuitable for intended use	Significant +
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Not Applicable
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Slight + to Significant +
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Moderate +
(i) Plant Damage by Wind Erosion	Slight + to Moderate +
**	- 0
3. Management	Slight + to Moderate +
(a) Establishment, Growth, and Harvest	Not Applicable
(b) Nutrient Management	Negligible to Slight +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Effect
Animal Resource Problem / Consideration	
1. Habitat	
Domestic Animals	Not Applicable
(a) Food	Not Applicable
(b) Cover or Shelter	Not Applicable
(c) Quantity and Quality of Drinking Water	· · · · · · · · · · · · · · · · · · ·
Wiidlife	Slight + to Moderate +
(d) Food	Slight + to Significant +
(e) Cover or Shelter	Negligible
(f) Quantity and Quality of Drinking Water	Mediidinie
2. Management	Oli-ba i an Mandorca-
(a) Population / Resource Balance	Slight + to Moderate +
(b) Animal Health	Slight + to Moderate +

### Conservation Practice Physical Effects - Woodland Imp. Harvesting (654)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Moderate + to Moderate -
(b) Wind	Negligible
(c) Concentrated Flow: Ephemeral Gully	Significant + to Significant -
(d) Concentrated Flow: Classic Gully	Significant + to Moderate -
(e) Streambank	Significant + to Slight -
(f) Irrigation Induced	Not Applicable
(g) Soil Mass Movement	Slight - to Significant -
(h) Roadbanks and Construction Sites	Negligible to Moderate -
(i) Safety	Slight - to Significant -
Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Significant + to Moderate -
(b) Soil Compaction	Slight - to Significant -
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Not Applicable
(d) Excess Animal Wastes & Other Organics	Not Applicable
(e) Excess Fertilizer	Not Applicable
(f) Excess Pesticides	Not Applicable
Deposition	
(a) Damage: Onsite	Slight - to Moderate -
(b) Damage: Offsite	Slight - to Moderate -
(c) Safety: Onsite	Slight - to Moderate -
(d) Safety: Offsite	Negligible
Water Resource Problem / Consideration	Effect
1. Quantity	
(a) Excess Amounts: Seeps	Slight - to Moderate -
(b) Excess Amounts: Runoff / Flooding	Negligible to Significant -
(c) Excess Amounts: Subsurface Water	Negligible to Significant -
(d) Inadequate Outlets	Negligible to Moderate -
(e) Water Management for Irrigated Land	Not Applicable
(f) Water Management for Non- Irrigated Land	Moderate - to Significant -
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Slight - to Moderate -
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible to Slight -
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible to Slight -
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Not Applicable
(b) Nutrients and Organics	Negligible
(c) Salinity	Negligible
(d) Heavy Metals	Negligible
(e) Pathogens	Negligible
Surface Water Contaminants (Streams and Lakes)	
(g) Pesticides	Not Applicable
(h) Nutrients and Organics	Slight - to Significant -
(i) Suspended Sediment and Turbidity	Slight - to Significant -
(i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Slight - to Significant -
III LUW DISSUIVEU UXYUEII	Negligible
••• •• •• •• •• •• •• •• •• •• •• •• ••	
(k) Salinity	l Negligible
(k) Salinity (i) Heavy Metals	Negligible
(k) Salinity (l) Heavy Metals (m) Temperature	Slight - to Moderate -
(k) Salinity (I) Heavy Metals	

#### Conservation Practice Physical Effects - Woodland Imp. Harvesting (654), page 2

Air Resource Problem / Consideration	Effect
. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible
(g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible
(h) Airborne Chemical Drift: Onsite	Negligible
(i) Airborne Chemical Drift: Offsite	Negligible
(i) Airborne Odors	Negligible
2. Condition	
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
I. Suitability	
(a) Plants are not well adapted to site	Negligible
(b) Plants are unsuitable for intended use	Negligible
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Not Applicable
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
	Slight + to Significant +
(f) Forestland	Not Applicable
(g) Other Land (Wildlife, Recreation, etc.)	Slight + to Significant +
(h) Health and Vigor	Slight + to Moderate +
(i) Plant Damage by Wind Erosion	Slight + to Moderate +
3. Management	Climbs I to Cignificant +
(a) Establishment, Growth, and Harvest	Slight + to Significant + Negligible
(b) Nutrient Management	Slight + to Moderate +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	Clicks the Cignificant
(a) Food	Slight + to Significant +
(b) Cover or Shelter	Slight + to Significant +
(c) Quantity and Quality of Drinking Water	Slight + to Moderate +
Wildlife	0, 1, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
(d) Food	Slight + to Significant +
(e) Cover or Shelter	Slight + to Significant +
(f) Quantity and Quality of Drinking Water	Slight + to Moderate +
2. Management	
(a) Population / Resource Balance	Slight + to Significant +
	Slight + to Moderate +

## Conservation Practice Physical Effects - Woodland Improvement (666)

Soil Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Negligible to Slight -
(b) Wind	Not Applicable
(c) Concentrated Flow: Ephemeral Gully	Negligible to Slight -
(d) Concentrated Flow: Classic Gully	Negligible to Slight -
(e) Streambank	Negligible to Slight -
(f) Irrigation Induced	Not Applicable
(g) Soil Mass Movement	Negligible
(h) Roadbanks and Construction Sites	Negligible
(i) Safety	Slight - to Moderate -
2. Condition	
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Negligible
(b) Soil Compaction	Negligible to Slight -
Soil Contaminants	
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Negligible
(d) Excess Animal Wastes & Other Organics	Not Applicable
(e) Excess Fertilizer	Not Applicable
(f) Excess Pesticides	Negligible to Moderate -
3. Deposition	
(a) Damage: Onsite	Negligible to Slight -
(b) Damage: Offsite	Negligible to Slight -
(c) Safety: Onsite	Negligible
(d) Safety: Offsite	Negligible
Water Resource Problem / Consideration  Quantity	Effect
(a) Excess Amounts: Seeps	Negligible
(b) Excess Amounts: Runoff / Flooding	Negligible
(c) Excess Amounts: Subsurface Water	Negligible
(d) Inadequate Outlets	Negligible
(e) Water Management for Irrigated Land	Not Applicable
(f) Water Management for Non- Irrigated Land	Slight - to Significant -
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Negligible to Moderate -
(b) Nutrients and Organics	Negligible
(c) Salinity	Negligible
(d) Heavy Metals	Negligible
(-)	Negligible to Moderate -
(e) Pathogens	
(e) Pathogens	Negligible
(e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Negligible Negligible to Slight -
(e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides	
(e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics	Negligible to Slight -
(e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity	Negligible to Slight - Slight - to Moderate -
(e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen	Negligible to Slight - Slight - to Moderate - Negligible
(e) Pathogens  Surface Water Contaminants (Streams and Lakes)  (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity	Negligible to Slight - Slight - to Moderate - Negligible Negligible
(e) Pathogens Surface Water Contaminants (Streams and Lakes) (g) Pesticides (h) Nutrients and Organics (i) Suspended Sediment and Turbidity (j) Low Dissolved Oxygen (k) Salinity (l) Heavy Metals	Negligible to Slight - Slight - to Moderate - Negligible Negligible Negligible

#### Conservation Practice Physical Effects - Woodland Improvement (666), page 2

1. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Slight +
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	Negligible to Slight -
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	Negligible to Slight -
(g) Airborne Sediment Particulates Causing Conveyance Problems	Negligible to Slight +
(h) Airborne Chemical Drift: Onsite	Negligible
(i) Airborne Chemical Drift: Offsite	Negligible
(j) Airborne Odors	Negligible to Significant +
2. Condition	
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Slight + to Significant +
(b) Plants are unsuitable for intended use	Moderate + to Significant +
2. Condition	
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Not Applicable
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Moderate + to Significant +
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Moderate + to Significant +
(i) Plant Damage by Wind Erosion	Negligible to Slight -
3. Management	
(a) Establishment, Growth, and Harvest	Slight + to Significant +
(b) Nutrient Management	Slight + to Significant +
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight + to Significant +
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Significant + to Significant -
(b) Cover or Shelter	Significant + to Significant -
(c) Quantity and Quality of Drinking Water	Negligible
Wildlife	
(d) Food	Significant + to Significant -
(e) Cover or Shelter	Significant + to Significant -
(f) Quantity and Quality of Drinking Water	Negligible
2. Management	
(a) Population / Resource Balance	Significant + to Significant -
(b) Animal Health	Significant + to Significant -

# Conservation Practice Physical Effects - Woodland Pruning (660)

SOIL Resource Problem / Consideration	Effect
1. Erosion	
(a) Sheet and Rill	Not Applicable
(b) Wind	Not Applicable
(c) Concentrated Flow: Ephemeral Gully	Not Applicable
(d) Concentrated Flow: Classic Gully	Not Applicable
(e) Streambank	Not Applicable
(f) Irrigation Induced	Not Applicable
(g) Soil Mass Movement	Not Applicable
(h) Roadbanks and Construction Sites	Not Applicable
(i) Safety	Not Applicable
2. Condition	viol. pp.ioabio
(a) Soil Tilth, Crusting, Water Infiltration, Organic Material	Negligible
(b) Soil Compaction	Negligible
Soil Contaminants	r toging ibio
(c) Excess Chemical Content, Salinity, Selenium, Boron, Heavy Metals	Not Applicable
(d) Excess Animal Wastes & Other Organics	Not Applicable
(e) Excess Fertilizer	Not Applicable
(f) Excess Pesticides	• •
B. Deposition	Not Applicable
(a) Damage: Onsite	Negligible
(b) Damage: Offsite	
``	Negligible
(c) Safety: Onsite	Not Applicable
(d) Safety: Offsite	Not Applicable
I. Quantity	
(a) Excess Amounts: Seeps	Not Applicable
(b) Excess Amounts: Runoff / Flooding	Not Applicable
(c) Excess Amounts: Subsurface Water	Not Applicable
(d) Inadequate Outlets	Not Applicable
(e) Water Management for Irrigated Land	Not Applicable
(f) Water Management for Non- Irrigated Land	Not Applicable
(g) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Onsite	Negligible
(h) Restricted Capacity From Sediment Deposition in Small Water Conveyance: Offsite	Negligible
(i) Restricted Capacity For Sediment Deposition: Water Bodies, Streams, Lakes	Negligible
2. Quality	
Groundwater Contaminants	
(a) Pesticides	Not Applicable
(b). Nutrients and Organics	Not Applicable
(c) Salinity	Not Applicable
(d) Heavy Metals	Not Applicable
(e) Pathogens	Not Applicable
Surface Water Contaminants (Streams and Lakes)	
(g) Pesticides	Not Applicable
(h) Nutrients and Organics	Negligible
(i) Suspended Sediment and Turbidity	Negligible
(j) Low Dissolved Oxygen	Not Applicable
(k) Salinity	Not Applicable
(I) Heavy Metals	Not Applicable
· · · · · · · · · · · · · · · · · · ·	Negligible
(m) remperature	
(m) Temperature (n) Pathogens	Negligible

#### Conservation Practice Physical Effects - Woodland Pruning (660), page 2 ·

Air Resource Problem / Consideration	Effect
1. Quality	
(a) Sediment and Smoke Particulates Causing Safety Problems: Onsite	Negligible
(b) Sediment and Smoke Particulates Causing Safety Problems: Offsite	Negligible
(c) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Onsite	Negligible
(d) Sediment Particulates Causing Machinery, Vehicle, or Structure Problems: Offsite	Negligible Negligible Negligible Negligible
(e) Airborne Sediment and Smoke Particulates Causing Health Problems: Onsite	
(f) Airborne Sediment and Smoke Particulates Causing Health Problems: Offsite	
(g) Airborne Sediment Particulates Causing Conveyance Problems	
(h) Airborne Chemical Drift: Onsite	Negligible to Significant -
(i) Airborne Chemical Drift: Offsite	Negligible to Significant -
(j) Airborne Odors	Negligible to Moderate -
2. Condition	
(a) Air Temperature	Negligible
(b) Air Movement	Negligible
(c) Humidity	Negligible
Plant Resource Problem / Consideration	Effect
1. Suitability	
(a) Plants are not well adapted to site	Not Applicable
(b) Plants are unsuitable for intended use	Slight + to Significant +
2. Condition	• •
Productivity (Kinds, Amounts, & Distribution)	
(a) Cropland	Not Applicable
(b) Hayland and Pastureland	Not Applicable
(c) Rangeland	Not Applicable
(d) Seeded Rangeland	Not Applicable
(e) Annual Rangeland	Not Applicable
(f) Forestland	Moderate + to Significant +
(g) Other Land (Wildlife, Recreation, etc.)	Not Applicable
(h) Health and Vigor	Slight + to Moderate +
(i) Plant Damage by Wind Erosion	Slight + to Moderate +
3. Management	onghi i to moderate .
(a) Establishment, Growth, and Harvest	Slight + to Moderate +
(b) Nutrient Management	Negligible
(c) Pests (Brush, Weeds, Insects, Diseases, and Fungi)	Slight +
Animal Resource Problem / Consideration	Effect
1. Habitat	
Domestic Animals	
(a) Food	Slight + to Moderate +
(b) Cover or Shelter	Slight +
(c) Quantity and Quality of Drinking Water	Slight + to Moderate +
Wildlife	-
(d) Food	Slight + to Moderate +
(e) Cover or Shelter	Slight + to Significant +
(f) Quantity and Quality of Drinking Water	Slight + to Moderate +
2. Management	_ •
	Slight + to Moderate +
(a) Population / Resource Balance	